



STIC Search Report

EIC 3600

STIC Database Tracking Number: 169774

TO: Examiner Mark Fadok

Location: 5A21

Art Unit : 3625

Thursday, November 03, 2005

Case Serial Number: 09/482840

From: Ginger Roberts DeMille

Location: EIC 3600

KNX 4B59

Phone: 2-3522

Ginger.demille@uspto.gov

Search Notes

Dear Examiner Fadok:

Please find attached the results of your search for 09/482840.

The search was conducted using the mandatory database lists for Business Methods.

These other sources were also used: Internet

If you have any questions, please do not hesitate to contact me.

Thanks for using EIC3600!

Ginger

*Reviewed
EIC
12/1/05
WCF*



STIC EIC 3600 Search Request Form

169744

Today's Date: 10-27-05 Class/Subclass 705/26 What date would you like to use to limit the search? Priority Date: 1-13-00 Other:

Name <u>MARK EADOK</u>	Format for Search Results (Circle One): PAPER DISK EMAIL
AU <u>3625</u> Examiner # <u>78738</u>	Where have you searched so far?
Room # <u>SA21</u> Phone <u>6755</u>	USP DWPI EPO JPO ACM IBM TDB
Serial # <u>09/482,840</u>	IEEE INSPEC SPI Other _____

Is this a "Fast & Focused" Search Request? (Circle One) YES ☒ NO
A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC3600 and on the EIC3600 NPL Web Page at <http://ptoweb/patents/stic/stic-tc3600.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Please search the ATTACHED provided claim.
THE Novel Feature is Believed to be the LAST
Three Lines where the ~~(CONVEX/DIGITAL/DIGITAL)~~
~~CONVEX~~ Encryption Keys Found IN THE BLACK
Box are upgraded to assure that the
BLACK Box is NOT compromised.

STIC Searcher Stephen R. DeMille Phone 2-3522
Date picked up 11-3-2005 Date Completed 11-3-2005





STIC Search Results Feedback Form

EIC 3600

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

Karen Lehman, EIC 3600 Team Leader
KNX 4A58, 571-271-3496

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 3620 (optional)

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to EIC3600 PK5 Suite 804



? show files;ds

File 47:Gale Group Magazine DB(TM) 1959-2005/Nov 03

(c) 2005 The Gale group

File 570:Gale Group MARS(R) 1984-2005/Nov 02

(c) 2005 The Gale Group

File 635:Business Dateline(R) 1985-2005/Nov 03

(c) 2005 ProQuest Info&Learning

Set Items Description

S1 55447 (ENCRYPT? OR PUBLIC OR PRIVATE OR DECRYPT? OR CRYPTO? OR S-CRAMB? OR DIGITAL OR PAIR OR UNLOCK? OR UN()LOCK)(3N)(KEY? ? - OR CODE? ? OR CIPHER? ?) OR CERTIFICATE? ?

S2 2676 S1(3N)(KEPT OR FOUND OR CARRY? OR INSIDE? OR INTEGRAT? OR - HELD OR HOLD OR INCLUD? OR TRANSPORT?)

S3 31 S2(5N)(BLACK(2W)(BOX OR BOXS OR BOXES) OR BOX OR BOXES OR - CONTAINER? ? OR HOLDER? ? OR FOLDER? ? OR COMPARTMENT? ?)

S4 1 S3(20N)(CURRENT OR UPGRADE? OR UPGRADING OR UPDATE? OR UPD-ATING OR STATUS OR STATE OR EXPIRE? OR EXPIRATION)

S5 0 S4 NOT PY>2000

S6 0 RD (unique items)

S7 21 S3 NOT PY>2000

S8 21 S6 OR S7

S9 20 RD (unique items)

? t9/3,k/all

9/3,K/1 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2005 The Gale group. All rts. reserv.

04128365 SUPPLIER NUMBER: 15613578 (USE FORMAT 7 OR 9 FOR FULL TEXT)

An investing plan for a lifetime: here's a method for selecting stocks, controlling costs and keeping your plan on an even keel as the years go by. (investing in stocks) (includes related article and information) (Cover Story)

Goldberg, Steven T.

Kiplinger's Personal Finance Magazine, v48, n8, p32(8)

August, 1994

DOCUMENT TYPE: Cover Story ISSN: 1056-697X LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3734 LINE COUNT: 00284

... ll have to take physical possession of stock certificates. Stash them in a safe-deposit box. Some companies will hold certificates for you and send you confirmations of purchases or sales, much as stockbrokers do.

Taxes...

9/3,K/2 (Item 2 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2005 The Gale group. All rts. reserv.

04124488 SUPPLIER NUMBER: 15558645 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Exchange Server's delay irritating to some IS managers; impatient to assess back-end features. (Microsoft's messaging platform)

Rooney, Paula

PC Week, v11, n26, p47(2)

July 4, 1994

ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 433 LINE COUNT: 00034

...ABSTRACT: officials report that Exchange Server is entering a second beta testing cycle. The second beta, code-named TR2, includes Public Folders, multiserver support, replication capabilities as well as support for windows and DOS.

9/3,K/3 (Item 3 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2005 The Gale group. All rts. reserv.

04036909 SUPPLIER NUMBER: 15017960 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Briefs. (counterfeiting windows) (Trends) (Brief Article)

Levin, Carol

PC Magazine, v13, n3, p32(1)

Feb 8, 1994

DOCUMENT TYPE: Brief Article

ISSN: 0888-8507

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 208 LINE COUNT: 00015

... service) and drops the Netware shell and IPX protocol supplied by Novell. By designing the box with a "certificate of authenticity" that includes a difficult-to-reproduce hologram, Microsoft hopes to curb a serious case of counterfeiting.

The...

9/3,K/4 (Item 4 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2005 The Gale group. All rts. reserv.

02735058 SUPPLIER NUMBER: 03849707 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Plain answers to knotty questions. (personal finance) (column)

Hazard, John W.

U.S. News & world Report, v99, p70(1)

July 8, 1985

CODEN: XNWRA

DOCUMENT TYPE: column

ISSN: 0041-5537

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 707 LINE COUNT: 00051

... my IRA instead of cash to avoid brokers' commissions?

Yes. You can take the stock certificates and hold them in a safe-deposit box.

Can I invest my IRA money in a house?

Yes, but you cannot "leverage" the...

9/3,K/5 (Item 5 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2005 The Gale group. All rts. reserv.

02441731 SUPPLIER NUMBER: 03023714 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Six firms certified under Export Trading Company Act.

Scouton, William

Business America, v6, p22(5)

Nov 28, 1983

CODEN: BUAMDM

ISSN: 0190-6275

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1975 LINE COUNT: 00163

... Department had imposed that condition on INTEX and that there is no reason why future certificate - holders might not include engineers who compete in the same specialty.

Antitrust protection in the first three certificates, Warner...

9/3,K/6 (Item 1 from file: 570)

DIALOG(R)File 570:Gale Group MARS(R)

(c) 2005 The Gale Group. All rts. reserv.

01991285 Supplier Number: 66769996 (USE FORMAT 7 FOR FULLTEXT)

Sample containers.(Brief Article)

BioPharm, v12, n10, p58

Oct, 1999

ISSN: 1040-8304

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Magazine/Journal; Trade

Word Count: 71

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...customer service measures. Each catalog item is pictured and described along with the detection limits found on the certificates of analysis.

Products include sample containers , accessories, reagent-grade water, pyrogen-free products, shippers, and chemical preservatives. Eagle-Picher, Miami, OK.

9/3,K/7 (Item 2 from file: 570)
DIALOG(R)File 570:Gale Group MARS(R)
(c) 2005 The Gale Group. All rts. reserv.

01944613 Supplier Number: 63845188 (USE FORMAT 7 FOR FULLTEXT)
COMING TO AMERICA; AFTER MORE THAN A CENTURY IN THE FOOTWEAR BUSINESS,
ENGLISH BRAND BARKER IS ENTERING THE U.S. MARKET.
Schneider-Levy, Barbara
Daily News Record, p20
July 31, 2000
ISSN: 1041-1119
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; General Trade
Word Count: 400

... that include brushes, polish, a buff cloth and felt bags. According to Aggarwal, the shoe boxes include a certificate of purchase, which customers can use to register their purchase with the company in case...

9/3,K/8 (Item 3 from file: 570)
DIALOG(R)File 570:Gale Group MARS(R)
(c) 2005 The Gale Group. All rts. reserv.

01721053 Supplier Number: 53574176 (USE FORMAT 7 FOR FULLTEXT)
FORD FACES 3RD TRIAL IN BRONCO II SUIT.
Freedman, Eric
Automotive News, p40(1)
Jan 11, 1999
ISSN: 0005-1551
Language: English Record Type: Fulltext
Document Type: Tabloid; Trade
Word Count: 1070

... The certificate of title listed her as the owner and Toyota Credit as the lien holder . Toyota Credit held onto the certificate .
She made no payments.
About four months later, Bolden applied for a duplicate title and...

9/3,K/9 (Item 4 from file: 570)
DIALOG(R)File 570:Gale Group MARS(R)
(c) 2005 The Gale Group. All rts. reserv.

01477707 Supplier Number: 45176840
Borden's Cracker Jack goes Nutty
Snack world, v51, n12, p15
Dec, 1994
ISSN: 0896-1670
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...almonds and pecans. Adults are targeted. In addition to the traditional toy trinket in each box , the company is also including a prize sweepstakes certificate , and the winner will be able to redeem this for a \$10,000 diamond cluster...

9/3,K/10 (Item 5 from file: 570)
DIALOG(R)File 570:Gale Group MARS(R)
(c) 2005 The Gale Group. All rts. reserv.

01429039 Supplier Number: 44636385 (USE FORMAT 7 FOR FULLTEXT)
Pillsbury in First Tie-In with Disney
Promo, v0, n0, p1
May, 1994

ISSN: 1047-1707
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 217

... in exchange for the purchase of select toys.
Disney will pack Pillsbury and Mattel rebate certificates inside video boxes and plans to support its first made-for-video animated movie with spots on network...

9/3,K/11 (Item 6 from file: 570)
DIALOG(R)File 570:Gale Group MARS(R)
(c) 2005 The Gale Group. All rts. reserv.

01304837 Supplier Number: 43198499
Tartar Control Crest Enlists Consumer Support for the Caring Program for Children
Sales Pro, v0, n143, p100
August, 1992
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...Crest. The offer explains that the company will donate \$0.50 for each of the certificates included in the box (seen in an accompanying picture) that are mailed; there is no limit as to the...

9/3,K/12 (Item 7 from file: 570)
DIALOG(R)File 570:Gale Group MARS(R)
(c) 2005 The Gale Group. All rts. reserv.

01199446 Supplier Number: 42147067
KATFISH PICKINS FISH SHAPED CATFISH FLAVOR CAT FOOD
Lookout (Non Foods Edition), v0, n0, p086NF
June 11, 1991
ISSN: 0740-3852
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...Ralston Purina is advertising its new cat food by offering consumers a mail-in refund certificate inside specially-marked boxes. The company is seeking means to spur an interest in the dry cat food area...

9/3,K/13 (Item 8 from file: 570)
DIALOG(R)File 570:Gale Group MARS(R)
(c) 2005 The Gale Group. All rts. reserv.

01128453 Supplier Number: 41494066 (USE FORMAT 7 FOR FULLTEXT)
Carnival, Kellogg Run Cruise Giveaway Promotion
Tour & Travel News, v0, n0, p19
August 13, 1990
ISSN: 0889-3349
Language: English Record Type: Fulltext Abstract
Document Type: Magazine/Journal; Trade
Word Count: 366

ABSTRACT:
...Kellogg will award 250 three-day Carnival cruises for two to consumers who buy cereal boxes which have 'Instant win' certificates printed inside. winners will get a three-day trip to Nassau, Bahamas, on Carnival's Mardi Gras...
... Kellogg will award 250 three-day Carnival cruises for two to consumers who buy cereal boxes which have "Instant Win" certificates printed inside. winners will get a three-day trip to Nassau, Bahamas, on Carnival's Mardi Gras...

9/3,K/14 (Item 9 from file: 570)

DIALOG(R)File 570:Gale Group MARS(R)
(c) 2005 The Gale Group. All rts. reserv.

01054410 Supplier Number: 40773448
Selling Suds at the Laundromat
Incentive Managing & Marketing Through Motivation, v163, n5, p66
May, 1989
ISSN: 0019-3364
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...store sales of vending-size boxes of Downy, Bounce, Cheer, Biz and Tide.
Instant-win certificates found in specially-marked boxes won prizes,
such as \$5,000 in spending money or a trip to New York...

9/3,K/15 (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

1043611 00-08128
Don't laugh: Lolo is on a roll-o with zany board games
Siedsma, Andrea
San Diego Business Journal (San Diego, CA, US), V20 N8 p1
PUBL DATE: 990222
WORD COUNT: 1,298
DATELINE: San Diego, CA, US, Pacific

TEXT:

...the class, let's market a product," Paul said.

A year later, "Personality in a Box " was released. The fun gift
includes a guide book, certificate and T-shirt for personalities like
"Partner," "Geek," "Control Freak," "Snob," "Comedian," and "Happy-Go...

9/3,K/16 (Item 2 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

0786838 97-45488
Committee recommends ways to stem state sales tax losses
Lauer, Nancy Cook
Orlando Business Journal (Orlando, FL, US), V13 N38 p218
PUBL DATE: 970221
WORD COUNT: 1,244
DATELINE: Tallahassee, FL, US, South Atlantic

TEXT:

...dealers with a poor history of making tax payments or outstanding
delinquencies.

Long-range recommendations include issuing each certificate holder
a magnetic card, much like a credit card, to use when making tax-exempt
purchases...

9/3,K/17 (Item 3 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

0784664 97-43274
Committee recommends ways to stem sales tax losses
Lauer, Nancy Cook
Tampa Bay Business Journal (Tampa, FL, US), V17 N7 p25
PUBL DATE: 970214
WORD COUNT: 1,279
DATELINE: Tallahassee, FL, US, South Atlantic

TEXT:

...dealers' with a poor history of making tax payments or outstanding delinquencies.

Long-range recommendations include issuing each certificate holder a magnetic card, much like a credit card, to use when making tax-exempt purchases...

9/3,K/18 (Item 4 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

0422193 93-74312
The animators
Le Beau, Christina
Rochester Business Journal (Rochester, NY, US), V9 N17 s1 p17
PUBL DATE: 930813
WORD COUNT: 1,689
DATELINE: Rochester, NY, US

TEXT:

...oppressive employer to wear a locked box on his hands when not working. After getting hold of the key that unlocks the box, he amuses himself by making shadow puppets on the walls.

McKinzie notes that while commercial...

9/3,K/19 (Item 5 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

0413477 93-65420
Digging up a company's past to discover insurance treasure: Liability policies hold answers in pollution disputes
Bennett, Julie
Crains Chicago Business (Chicago, IL, US), V16 N29 s2 pT2
PUBL DATE: 930719
WORD COUNT: 945
DATELINE: Chicago, IL, US

TEXT:

...lights or ventilation.

"Finally, with the help of shovels, brooms and flashlights, we dragged some boxes out into the daylight and found certificates of insurance coverage going back to the 1950s. The corporation that had hired us said...

9/3,K/20 (Item 6 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

0073786 88-32034
Sign-Maker Bill Austin Brightens Businesses
Jones, Grayden
Puget Sound Business Journal (Seattle, WA, US), V9 N24 s1 p1
PUBL DATE: 881024
WORD COUNT: 1,063
DATELINE: Poulsbo, WA, US

TEXT:

...Austin came under fire from city council officials and neighbors for building a storefront flower box that violated city codes. Public hearings were held, newspapers trumpeted the scandal and Austin faced a year in jail or a \$5,000...

?

? show files;ds

File 15:ABI/Inform(R) 1971-2005/Nov 03
(c) 2005 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2005/Nov 03
(c) 2005 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2005/Nov 03
(c)2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2005/Nov 02
(c) 2005 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Nov 03
(c) 2005 The Gale Group
File 9:Business & Industry(R) Jul/1994-2005/Nov 02
(c) 2005 The Gale Group
File 20:Dialog Global Reporter 1997-2005/Nov 03
(c) 2005 Dialog
File 476:Financial Times Fulltext 1982-2005/Nov 03
(c) 2005 Financial Times Ltd
File 610:Business Wire 1999-2005/Nov 03
(c) 2005 Business Wire.
File 613:PR Newswire 1999-2005/Nov 03
(c) 2005 PR Newswire Association Inc
File 24:CSA Life Sciences Abstracts 1966-2005/Sep
(c) 2005 CSA.
File 634:San Jose Mercury Jun 1985-2005/Nov 02
(c) 2005 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2005/Nov 03
(c) 2005 The Gale Group
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 13:BAMP 2005/Oct W4
(c) 2005 The Gale Group
File 75:TGG Management Contents(R) 86-2005/Oct W4
(c) 2005 The Gale Group
File 95:TEME-Technology & Management 1989-2005/Sep W4
(c) 2005 FIZ TECHNIK
File 348:EUROPEAN PATENTS 1978-2005/Oct W04
(c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20051027,UT=20051020
(c) 2005 WIPO/Univentio

Set	Items	Description
S1	1051931	(ENCRYPT? OR PUBLIC OR PRIVATE OR DECRYPT? OR CRYPTO? OR S-CRAMB? OR DIGITAL OR PAIR OR UNLOCK? OR UN()LOCK)(3N)(KEY? ? - OR CODE? ? OR CIPHER? ?) OR CERTIFICATE? ?
S2	62901	S1(3N)(KEPT OR FOUND OR CARRY? OR INSIDE? OR INTEGRAT? OR - HELD OR HOLD OR INCLUD? OR TRANSPORT?)
S3	818	S2(5N)(BLACK(2W)(BOX OR BOXS OR BOXES) OR BOX OR BOXES OR - CONTAINER? ? OR HOLDER? ? OR FOLDER? ? OR COMPARTMENT? ?)
S4	51	S3(20N)(CURRENT OR UPGRADE? OR UPGRADING OR UPDATE? OR UPD-ATING OR STATUS OR STATE OR EXPIRE? OR EXPIRATION)
S5	26	S4 NOT PY>2000
S6	15	RD (unique items)

? t6/3,k/all

6/3,k/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02053139 57948755
Digital certificates
Harrison, Ann
Computerworld v34n33 PP: 58 Aug 14, 2000
ISSN: 0010-4841 JRNL CODE: COW
WORD COUNT: 926

...TEXT: to web sites, networks or individuals that require secure access.

Identifying information embedded in the certificate includes the

holder's name and e-mail address, the name of the CA, a serial number and any activation or expiration data for the certificate. When a user's identity is verified by the CA, the...

6/3,K/2 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05151626 Supplier Number: 47863291 (USE FORMAT 7 FOR FULLTEXT)
Putting Pieces Together: Call for tools that manage software development answered
Taft, Darryl H.
Computer Reseller News, p117
July 28, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 449

... as a standard bundle with industry leading products," said Chief Executive Bill Stow.

To encourage upgrades, StarBase is offering all recipients of bundled copies of versions 2.0 a \$100 certificate inside the box that can be applied toward an upgrade to StarTeam Workstation Professional 2.1. The average upgrade price for StarTeam Workstation Professional, after deducting the upgrade coupon, is about \$200.
Copyright 1997...

6/3,K/3 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05040074 Supplier Number: 47398910 (USE FORMAT 7 FOR FULLTEXT)
StarBase announces agreement with Symantec to bundle Versions 2.0 with Symantec Visual Cafe Pro.
Business Wire, p5201021
May 20, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 936

... virtual team facilities with Internet/intranet connectivity and more sophisticated team-based facilities.

To encourage upgrades, StarBase is offering all Visual Cafe Pro users a \$100 certificate inside the box that can be applied toward an upgrade to StarTeam Workstation Professional 2.1.
Version Control and Visual Cafe Pro Offer Strategic Advantage...

6/3,K/4 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

04928825 Supplier Number: 47244540 (USE FORMAT 7 FOR FULLTEXT)
StarBase announces non-exclusive bundling agreement with Oracle; inclusion of StarBase's version control product expands market opportunity.
Business Wire, p03270028
March 27, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 811

... tools. The Company is offering all recipients of Oracle's Developer/2000 tools a \$100 certificate inside the product box, which can be applied towards an upgrade to StarTeam 2.0.

StarBase Versions 2.0 Brings Oracle Developer/2000 Customers More Choices...

6/3,K/5 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

03459190 SUPPLIER NUMBER: 06218438 (USE FORMAT 7 OR 9 FOR FULL TEXT)
North European Oil Royalty Trust reports revenues.
PR Newswire, 0211NY47
Feb 11, 1988
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 190 LINE COUNT: 00021

... Net income per unit .44 .56hs
Dividends & distributions paid to formerly unlocated
shareholders .02 .01
Current period distribution .45 .57
Total paid .47 .58
At the annual meeting of certificate holders held yesterday,
the currently serving trustees, John H. Van Kirk, Robert P. Adelman, Robert
J. Castle...

6/3,K/6 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2005 The Gale Group. All rts. reserv.

01322530 Supplier Number: 23974552 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Putting Pieces Together -- Call for tools that manage software development
answered
(Intersolv, Mortice Kern Systems and StarBase all launch new products to
address demand for tools that aid developers to manage software
development process)
Computer Reseller News, p 117
July 28, 1997
DOCUMENT TYPE: Journal ISSN: 0893-8377 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 424

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...as a standard bundle with industry leading products," said Chief
Executive Bill Stow.

To encourage upgrades, StarBase is offering all recipients of bundled
copies of Versions 2.0 a \$100 certificate inside the box that can be
applied toward an upgrade to StarTeam Workstation Professional 2.1. The
average upgrade price for StarTeam Workstation Professional, after
deducting the upgrade coupon, is about \$200. ...

6/3,K/7 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

09580926 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Guidelines framed for bottled water
Kalpana Jain
TIMES OF INDIA
February 16, 2000
JOURNAL CODE: WTIN LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 310

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... containers made either of glass or plastic of the best quality. To
ensure quality, the container should carry a BIS certificate.
The government recently updated the mineral water standards and made
BIS certification mandatory. The notification on packaged drinking water...

6/3,K/8 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

07747891 (USE FORMAT 7 OR 9 FOR FULLTEXT)
India: 3-member board for road fund mooted
BUSINESS LINE
October 12, 1999
JOURNAL CODE: FBLN LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 287

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... cess on petrol and diesel collected from the public.
However, the proposed board has not included any representatives from key public and private stake holders such as the transport industry, business community and the road users.
The National Highways Authority of India and the State Governments, two of the important agencies dealing with road development, have also been excluded from...

6/3,K/9 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

06842285 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Strange not to accept birth dates in ICS
R.L.J.
NEW STRAITS TIMES (MALAYSIA), p13
August 23, 1999
JOURNAL CODE: FNST LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 304

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... as one of the numbers in new NRICs if it does not have any legal status for its holders?
Are we supposed to carry our birth certificates wherever we go to prove our date of birth?
Can the government re-confirm that...

6/3,K/10 (Item 1 from file: 476)
DIALOG(R)File 476:Financial Times Fulltext
(c) 2005 Financial Times Ltd. All rts. reserv.

0010041280 B0JGBALAFSFT
FRONT PAGE - COMPANIES & MARKETS: BNP sweetens its offers for targets SG and Paribas
SAMER ISKANDER
Financial Times, London Edition 1 ED, P 19
Friday, July 2, 1999
DOCUMENT TYPE: Stories; NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
Word Count: 480

...so-called contingent right certificates. Investors will receive 13 certificates for every 20 shares they hold. Each certificate entitles its holders to a cash payment equivalent to the difference between the price of the new shares and E100. State bows out, Page 16 Lex, Page 18

6/3,K/11 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

04844894 Supplier Number: 67161455 (USE FORMAT 7 FOR FULLTEXT)
K-State the holiday place for food and gifts.
M2 Presswire, pNA
Nov 16, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 463

... bright with several holiday gift and food specials.

Ginger R. DeMille

For gift and entertaining needs, the K- State Meat Lab is offering specialty meat items, gift boxes and gift certificates . The items include hickory smoked turkeys and boneless hams, summer sausage, Lebanon-style bologna and "Wildkat Loafs." Christmas...

6/3,K/12 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0708558 BW1018

STARBASE: StarBase announces details of versions bundling strategy

June 02, 1997

Byline: Business Editors

...are expected to upgrade to the company's virtual team development suite, StarTeam. To encourage upgrades , StarBase is offering all recipients of the bundled versions 2.0 product a \$100 certificate inside the box that can be applied toward an upgrade to StarTeam Workstation Professional 2.1. The average sales price for an upgrade to StarTeam Workstation Professional, after deducting the upgrade coupon discount, is expected to be \$200...

6/3,K/13 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0157725 NY082
MEDICAL SOCIETY OF THE STATE OF NEW YORK PASSES SEVERAL RESOLUTIONS AT ITS HOUSE OF DELEGATE MEETING

DATE: April 12, 1989 16:11 EST WORD COUNT: 1,089

...amended).

Tobacco use as contributory cause of death

Resolved, that the Medical Society of the State of New York request the commissioner of Health of New York State to modify the death certificate form to include a check off box regarding tobacco use as a contributory factor to the cause of death on death certificates in the State of New York.

Nursing Crisis

Nursing shortage in New York State
Resolved, that the Medical...

6/3,K/14 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00968334
Information recording apparatus, information reproducing apparatus, and information distribution system
Informationsaufzeichnungs- und -wiedergabegerat sowie Informationsverteilungssystem

Appareil d'enregistrement d'informations, appareil de reproduction d'informations, et systeme de distribution d'informations

PATENT ASSIGNEE:

KABUSHIKI KAISHA TOSHIBA, (213137), 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210-8520, (JP), (Applicant designated States: all)

INVENTOR:

Kambayashi, Toru, c/o Kabushiki Kaisha Toshiba, Intell. Prop. Div., 1-1

Ginger R. DeMille

Shibaura 1-chome, Minato-ku, Tokyo 105-8001, (JP)
Akiyama, Koichiro, c/o Kabushiki Kaisha Toshiba, Intell. Prop. Div., 1-1
Shibaura 1-chome, Minato-ku, Tokyo 105-8001, (JP)
Tsujiimoto, Shuichi, c/o Kabushiki Kaisha Toshiba, Intell. Prop. Div., 1-1
Shibaura 1-chome, Minato-ku, Tokyo 105-8001, (JP)
Sumita, Kazuo, c/o Kabushiki Kaisha Toshiba, Intell. Prop. Div., 1-1
Shibaura 1-chome, Minato-ku, Tokyo 105-8001, (JP)
Hirakawa, Hideki, c/o Kabushiki Kaisha Toshiba, Intell. Prop. Div., 1-1
Shibaura 1-chome, Minato-ku, Tokyo 105-8001, (JP)
Sugaya, Toshihiro, c/o Kabushiki Kaisha Toshiba, Intell. Prop. Div., 1-1
Shibaura 1-chome, Minato-ku, Tokyo 105-8001, (JP)

LEGAL REPRESENTATIVE:

Henkel, Feiler, Hanzel (100401), Mohlstrasse 37, 81675 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 878796 A2 981118 (Basic)

EP 878796 A3 000524

APPLICATION (CC, No, Date): EP 98108638 980512;

PRIORITY (CC, No, Date): JP 97122511 970513; JP 9816618 980129

DESIGNATED STATES: DE; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G11B-020/00; G06F-001/00; H04L-009/00

ABSTRACT WORD COUNT: 143

NOTE:

Figure number on first page: 1+8

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9847	2220
SPEC A	(English)	9847	55951
Total word count - document A			58171
Total word count - document B			0
Total word count - documents A + B			58171

...SPECIFICATION updated license information input from the license information update section 505 is sent to an updated license information encryption section 509 so the license information is encrypted using a predetermined encryption key held in an encryption key holder section 510 (steps S305 and S306 in FIG. 36). At this time, the updated license information is not sent to the updated license information encryption section 509 unless the...omitted. As the characteristic feature of the decoder unit A of the present invention, to update the license information, the public key held in the key holder section 2005 must be transmitted to the license information update device 2008 together with other information necessary for updating the license information (the public key is used to encrypt the updated license information generated...)

6/3,K/15 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00493539 **Image available**

DISTRIBUTED NETWORK BASED ELECTRONIC WALLET

PORTEFEUILLE ELECTRONIQUE BASE SUR UN RESEAU REPARTI

Patent Applicant/Assignee:

CITICORP DEVELOPMENT CENTER INC,
PALTEGHE Cris T,
MAMDANI Alnoor B,
HUDDLESTON Gregory Lee,
TAKATA Melvin Michio,

Inventor(s):

PALTEGHE Cris T,
MAMDANI Alnoor B,
HUDDLESTON Gregory Lee,
TAKATA Melvin Michio,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9924891 A2 19990520

Application: WO 980524090 19981112 (PCT/WO US9824090)

Priority Application: US 9765291 19971111; US 9881748 19980414

Designated States:

(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH
GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN
TD TG

Publication Language: English

Fulltext word Count: 8582

Fulltext Availability:

Detailed Description

Detailed Description

... reduces the size of the data transfer required for a verified
transaction, because a standard certificate includes the certificate
holder's identity, the certificate serial number, a certificate
holder's expiration dates, a copy of the
WO 99/24891 PCTIUS98/24090
15
will eliminate any questions...

?

? show files;ds
 File 350:Derwent WPIX 1963-2005/UD,UM &UP=200570
 (c) 2005 Thomson Derwent
 File 344:Chinese Patents Abs Aug 1985-2005/May
 (c) 2005 European Patent Office
 File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)
 (c) 2005 JPO & JAPIO
 File 371:French Patents 1961-2002/BOPI 200209
 (c) 2002 INPI. All rts. reserv.
 File 2:INSPEC 1898-2005/Oct W4
 (c) 2005 Institution of Electrical Engineers
 File 35:Dissertation Abs Online 1861-2005/Oct
 (c) 2005 ProQuest Info&Learning
 File 65:Inside Conferences 1993-2005/Oct W5
 (c) 2005 BLDSC all rts. reserv.
 File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Sep
 (c) 2005 The HW Wilson Co.
 File 256:TecInfoSource 82-2005/Jan
 (c) 2005 Info.Sources Inc
 File 474:New York Times Abs 1969-2005/Nov 02
 (c) 2005 The New York Times
 File 475:Wall Street Journal Abs 1973-2005/Nov 02
 (c) 2005 The New York Times
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group
 File 23:CSA Technology Research Database 1963-2005/Oct
 (c) 2005 CSA.
 File 57:Electronics & Communications Abstracts 1966-2005/Oct
 (c) 2005 CSA.
 File 94:JICST-EPlus 1985-2005/Aug W4
 (c)2005 Japan Science and Tech Corp(JST)

Set Items Description
 S1 91792 (ENCRYPT? OR PUBLIC OR PRIVATE OR DECRYPT? OR CRYPTO? OR S-
 CRAMB? OR DIGITAL OR PAIR OR UNLOCK? OR UN()LOCK)(3N)(KEY? ? -
 OR CODE? ? OR CIPHER? ?) OR CERTIFICATE? ?
 S2 3807 S1(3N)(KEPT OR FOUND OR CARRY? OR INSIDE? OR INTEGRAT? OR -
 HELD OR HOLD OR INCLUD? OR TRANSPORT?)
 S3 39 S2(5N)(BLACK(2W)(BOX OR BOXS OR BOXES) OR BOX OR BOXES OR -
 CONTAINER? ? OR HOLDER? ? OR FOLDER? ? OR COMPARTMENT? ?)
 S4 1 S3(20N)(CURRENT OR UPGRADE? OR UPGRADING OR UPDATE? OR UPD-
 ATING OR STATUS OR STATE OR EXPIRE? OR EXPIRATION)
 S5 1 S4 NOT PY>2000
 S6 1 RD (unique items)
 S7 17 S3 NOT PY>2000
 S8 17 S6 OR S7
 ? t8/3,k/all

8/3,K/1 (Item 1 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
 (c) 2005 Thomson Derwent. All rts. reserv.

012943469 **Image available**
 WPI Acc No: 2000-115322/200010
 XRPX Acc No: N00-087207

Electronic registration certificates distribution method to electronic
 on-line conference session participants

Patent Assignee: INT COMPUTER SCI INST (ITCO-N)
 Inventor: ALBANESE A; OPPLIGER R
 Number of Countries: 001 Number of Patents: 001
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6002768	A	19991214	US 96643892	A	19960507	200010 B

Priority Applications (No Type Date): US 96643892 A 19960507

Patent Details:
 Patent No Kind Lan Pg Main IPC Filing Notes
 US 6002768 A 15 H04K-001/00

Abstract (Basic):
 ... provider. The conference session holder receives session
 certificates from one or more certification authorities. Each

Ginger R. DeMille

certificate includes a public key associated with the session holder. The session holder stores a corresponding private key for digitally signing the active participant certificates...

8/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

012654807 **Image available**

WPI Acc No: 1999-460912/199939

XRPX Acc No: N99-344966

Electromagnetic digital coded lock for standardized transport containers

Patent Assignee: BETTOUMI M (BETT-I); CASTELLIN L (CAST-I); RIMBAUD P (RIMB-I); SASSI L (SASS-I)

Inventor: BETTOUMI M; CASTELLIN L; RIMBAUD P; SASSI L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2773191	A1	19990702	FR 9716878	A	19971231	199939 B

Priority Applications (No Type Date): FR 9716878 A 19971231

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
FR 2773191	A1	11	E05B-047/00		

Electromagnetic digital coded lock for standardized transport containers

8/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

011595255 **Image available**

WPI Acc No: 1998-012383/199802

XRPX Acc No: N98-009774

Extractable key folder - has rotary plate which is attached individually with key and is mounted between side boards and can be rotated

Patent Assignee: FUJII F (FUJI-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9276119	A	19971028	JP 96120756	A	19960408	199802 B

Priority Applications (No Type Date): JP 96120756 A 19960408

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9276119	A	4	A47G-029/10		

...Abstract (Basic): The key folder includes a pair of side board (1,2) between which several horizontally rotating plates (3) are installed. A...

8/3,K/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

011381612 **Image available**

WPI Acc No: 1997-359519/199733

XRPX Acc No: N97-298580

Mechanical defence system used in building - includes key accommodation part in key boxes that is divided into number of parts

Patent Assignee: MITSUBISHI DENKI BUIL TECHNO SERVICE KK (MITQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9151635	A	19970610	JP 95314027	A	19951201	199733 B

Priority Applications (No Type Date): JP 95314027 A 19951201

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 9151635 A 9

...Abstract (Basic): The system includes a pair of key boxes (24,25) that are provided with the key accommodation parts. The accommodation/ejection of the...

8/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

010193124 **Image available**

WPI ACC No: 1995-094378/199513

XRPX ACC No: N95-074189

Resistance collation mechanism for computer management system of motor vehicle - uses pair of key holder terminals to hold resistor which is connected to detector part to identify parking state of specific car

Patent Assignee: ASANUMA GUMI KK (ASAN-N); FB OTOME KK (FBOT-N); MARUCHI KEISOKUKI KK (MARU-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7018928	A	19950120	JP 91214697	A	19910731	199513 B

Priority Applications (No Type Date): JP 91214697 A 19910731

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 7018928 A 6 E05B-019/00

... uses pair of key holder terminals to hold resistor which is connected to detector part to identify parking state of specific car

8/3,K/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

008871993 **Image available**

WPI ACC No: 1991-376020/199151

XRPX ACC No: N91-287785

Separable key holder assembly - includes pair of key rings and pair of flexible mounting straps

Patent Assignee: PERFECT FASTENER INC (PERF-N); PERFECT FASTENER IN (PERF-N)

Inventor: CHEN N

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5069050	A	19911203	US 91694432	A	19910501	199151 B
CA 2067072	A	19921102	CA 2067072	A	19920424	199304
CA 2067072	C	19950613	CA 2067072	A	19920424	199531

Priority Applications (No Type Date): US 91694432 A 19910501

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
CA 2067072 A A45C-011/32
CA 2067072 C A45C-011/32

...Abstract (Basic): A separable key holder assembly includes a pair of key rings, a pair of flexible mounting straps, and a pair of patches of complementary hook and loop fastening...

8/3,K/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

007872168

WPI ACC No: 1989-137280/198918

XRPX ACC No: N89-104684

Double ended key ring - has pair of key holders connected to central housing and fitting into seats

Patent Assignee: PRUEFER G MFG CO (PRUE-N)

Inventor: SCUNGIO R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4821543	A	19890418	US 88208470	A	19880620	198918 B

Priority Applications (No Type Date): US 88208470 A 19880620

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4821543	A		7		

...Abstract (Basic): The double ended key ring includes a pair of key holders for retaining a set of keys. The key holders are movably connected to a central...

8/3,K/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

007849324

WPI ACC No: 1989-114436/198915

XRPX ACC No: N89-087375

Code operated electronic clocking system for strong box - has operating buttons to control single-chip computer with Uart circuit connected to transmitter-receiver unit

Patent Assignee: GLOBAL SECURITY AB (GLOB-N); GLOBAL SECURITY AB'S KONKURSBO (GLOB-N)

Inventor: CEDERGREN S; CEDERGEN S

Number of Countries: 015 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8902968	A	19890406	WO 88SE499	A	19880927	198915 B
SE 8703775	A	19890331				198921
AU 8825299	A	19890418				198930
SE 462174	B	19900514				199022
EP 389495	A	19901003	EP 88908772	A	19880927	199040
DK 9000798	A	19900329				199043
JP 3500312	W	19910124	JP 88508054	A	19880927	199110
US 5164718	A	19921117	US 88469417	A	19880927	199249
			US 91746802	A	19910814	
EP 389495	B1	19940119	EP 88908772	A	19880927	199403
			WO 88SE499	A	19880927	
DE 3887341	G	19940303	DE 3887341	A	19880927	199410
			EP 88908772	A	19880927	
			WO 88SE499	A	19880927	
DK 169389	B	19941017	WO 88SE499	A	19880927	199440
			DK 90798	A	19900329	

Priority Applications (No Type Date): SE 873775 A 19870930

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 8902968	A	E	17		

Designated States (National): AU DK JP US

Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

EP 389495

Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

US 5164718

9 H04Q-001/00 Cont of application US 88469417

EP 389495

B1 E 11 E05B-049/00 Based on patent WO 8902968

Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

DE 3887341

G E05B-049/00 Based on patent EP 389495

Based on patent WO 8902968

DK 169389

B E05B-049/00 patent DK 9000798

...Abstract (Basic): USE/ADVANTAGE - Locks for transportable strong

boxes . Separate codes for locking and unlocking add to security...

8/3,K/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

001448083

WPI Acc No: 1976-80971X/197605

Anti-theft security container - has electromagnetic reradiator on article retaining means having two positions

Patent Assignee: SENSORMATIC ELECTRN (SENS-N)

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 3933240	A	19760120				197605 B
GB 1485885	A	19770914				197737

Priority Applications (No Type Date): US 74514490 A 19741015

...Abstract (Basic): as a microwave reradiator which triggers an alarm if it enters a microwave field. The container includes a pair of spaced key slots associated with clips for retaining the cassette. A release device at the checkout station...

8/3,K/10 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2005 JPO & JAPIO. All rts. reserv.

06354473 **Image available**
CARD HOLDER

PUB. NO.: 11-296080 [JP 11296080 A]
PUBLISHED: October 29, 1999 (19991029)
INVENTOR(S): CHIYOMABAYASHI TETSUO
APPLICANT(S): JITTO KK
AUTO SP KK
APPL. NO.: 10-111381 [JP 98111381]
FILED: April 08, 1998 (19980408)

ABSTRACT

PROBLEM TO BE SOLVED: To facilitate the carry of a certificate card by making a card holder detachable from a helmet and attachable to a chest pocket or the like by composing...

8/3,K/11 (Item 2 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2005 JPO & JAPIO. All rts. reserv.

04976594 **Image available**
KEY MANAGEMENT DEVICE WITH MANAGEMENT INFORMATION PRINTING PATTERN
SELECTION SETTING FUNCTION

PUB. NO.: 07-269194 [JP 7269194 A]
PUBLISHED: October 17, 1995 (19951017)
INVENTOR(S): BANDO HIROSHI
MIMURA HIKARI
APPLICANT(S): MATSUSHITA ELECTRIC WORKS LTD [000583] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 06-057858 [JP 9457858]
FILED: March 28, 1994 (19940328)

ABSTRACT

... which a key management card is inserted and a small door of a key management box 10 is unlocked and the key is held there, and which is capable of outputting printing of management information, management information to be...

8/3,K/12 (Item 3 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2005 JPO & JAPIO. All rts. reserv.

03591097 **Image available**

BURGLARPROOF ALARM DEVICE FOR CASH STORAGE BOX

PUB. NO.: 03-253997 [JP 3253997 A]
PUBLISHED: November 13, 1991 (19911113)
INVENTOR(S): SEKI KAZUYUKI
APPLICANT(S): LAUREL BANK MACH CO LTD [463436] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 02-052923 [JP 9052923]
FILED: March 05, 1990 (19900305)
JOURNAL: Section: P, Section No. 1310, Vol. 16, No. 56, Pg. 58, February 12, 1992 (19920212)

ABSTRACT

... peripheral persons if a person other than cash managing clerks who does not have the unlock key tries to carry out the cash storage box 2.

8/3,K/13 (Item 4 from file: 347)

DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

03233802 **Image available**
STORING SHELF FOR DELIVERING ARTICLE AND DELIVERING METHOD THEREOF

PUB. NO.: 02-209302 [JP 2209302 A]
PUBLISHED: August 20, 1990 (19900820)
INVENTOR(S): WAKUSHIMA TAKU
APPLICANT(S): WAKUSHIMA TAKU [000000] (An Individual), JP (Japan)
APPL. NO.: 01-030372 [JP 8930372]
FILED: February 08, 1989 (19890208)
JOURNAL: Section: M, Section No. 1044, Vol. 14, No. 506, Pg. 93, November 06, 1990 (19901106)

ABSTRACT

... repair trade unlocks a key on the side of the shelf, and after bringing the box 3 to his own office, unlocks the key of a carrying box (container) there, and inspects the inside of the box 3 to check the article and the...

8/3,K/14 (Item 1 from file: 474)

DIALOG(R)File 474:New York Times Abs
(c) 2005 The New York Times. All rts. reserv.

00817870 NYT Sequence Number: 088648771129
(Kenner Products, only manufacturer authorized by 20th Century Fox to make toys of characters of movie Star Wars, is lagging in their production and will sell boxes with gift certificates inside to be given at Christmas '77. Recipients will receive toys when they become available (S).)

LAWSON, CAROL
New York Times, Col. 1, Pg. 42
Tuesday November 29 1977

...toys of characters of movie Star Wars, is lagging in their production and will sell boxes with gift certificates inside to be given at Christmas '77. Recipients will receive toys when they become available (S).)

8/3,K/15 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

09084450
KL Mutual goes scripless and recalls all certs and notes
MALAYSIA: SCRIPLESS TRADING BY KL MUTUAL
The Star (XAT) 02 Apr 1999 Business, p.2
Language: ENGLISH

... trading, Kuala Lumpur Mutual Fund Bhd (KL Mutual) of Malaysia, would recall all notes and certificates held by its fund holders in

Ginger R. DeMille

Malaysia before 30 June 1999. He said that fund holders would be asked to
...

8/3,K/16 (Item 2 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

06691203
Greece plans privatisation bonds in euros
GREECE: PRIVATISATION BOND ISSUE PLANNED
Financial Times (FT) 22 Sep 1998 p.34
Language: ENGLISH

... sold after 01 January 1999 (with the exception of OTE the telecommunications company) will be kept for certificate holders. The part of the bond issue targeted at global investors will last five years and...

8/3,K/17 (Item 3 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

01362102
REPORT CALLS FOR CHANGE IN SUBCONTRACTING RULES
UK - REPORT CALLS FOR CHANGE IN SUBCONTRACTING RULES
Construction News (CNN) 24 September 1987 p3

... self-employed contractors. It calls for reform of national working Rule 26, allowing it to include holders of 714 certificates .
?

? show files;ds

File 2:INSPEC 1898-2005/Oct w4
 (c) 2005 Institution of Electrical Engineers
 File 8:Ei Compendex(R) 1970-2005/Oct w4
 (c) 2005 Elsevier Eng. Info. Inc.
 File 9:Business & Industry(R) Jul/1994-2005/Nov 02
 (c) 2005 The Gale Group
 File 15:ABI/Inform(R) 1971-2005/Nov 03
 (c) 2005 ProQuest Info&Learning
 File 16:Gale Group PROMT(R) 1990-2005/Nov 03
 (c) 2005 The Gale Group
 File 20:Dialog Global Reporter 1997-2005/Nov 03
 (c) 2005 Dialog
 File 34:SciSearch(R) Cited Ref Sci 1990-2005/Oct w4
 (c) 2005 Inst for Sci Info
 File 47:Gale Group Magazine DB(TM) 1959-2005/Nov 03
 (c) 2005 The Gale group
 File 95:TEME-Technology & Management 1989-2005/Sep w4
 (c) 2005 FIZ TECHNIK
 File 144:Pascal 1973-2005/Oct w4
 (c) 2005 INIST/CNRS
 File 148:Gale Group Trade & Industry DB 1976-2005/Nov 03
 (c) 2005 The Gale Group
 File 256:TecInfoSource 82-2005/Jan
 (c) 2005 Info.Sources Inc
 File 275:Gale Group Computer DB(TM) 1983-2005/Nov 02
 (c) 2005 The Gale Group
 File 340:CLAIMS(R)/US Patent 1950-05/Oct 27
 (c) 2005 IFI/CLAIMS(R)
 File 348:EUROPEAN PATENTS 1978-2005/Oct w04
 (c) 2005 European Patent Office
 File 349:PCT FULLTEXT 1979-2005/UB=20051027,UT=20051020
 (c) 2005 WIPO/Univentio
 File 440:Current Contents Search(R) 1990-2005/Nov 02
 (c) 2005 Inst for Sci Info
 File 608:KR/T Bus.News. 1992-2005/Nov 03
 (c) 2005 Knight Ridder/Tribune Bus News
 File 636:Gale Group Newsletter DB(TM) 1987-2005/Nov 03
 (c) 2005 The Gale Group
 File 647:CMP Computer Fulltext 1988-2005/Oct w4
 (c) 2005 CMP Media, LLC
 File 654:US Pat.Full. 1976-2005/Nov 01
 (c) Format only 2005 Dialog
 File 674:Computer News Fulltext 1989-2005/Oct w2
 (c) 2005 IDG Communications
 File 696:DIALOG Telecom. Newsletters 1995-2005/Nov 02
 (c) 2005 Dialog
 File 710:Times/Sun.Times(London) Jun 1988-2005/Nov 02
 (c) 2005 Times Newspapers
 File 712:Palm Beach Post 1989-2005/Nov 02
 (c) 2005 Palm Beach Newspapers Inc.
 File 715:Christian Sci.Mon. 1989-2005/Nov 03
 (c) 2005 Christian Science Monitor
 File 781:ProQuest Newsstand 1998-2005/Nov 03
 (c) 2005 ProQuest Info&Learning
 File 994:NewsRoom 2002
 (c) 2005 Dialog
 File 995:NewsRoom 2001
 (c) 2005 Dialog
 File 996:NewsRoom 2000
 (c) 2005 Dialog

Set	Items	Description
S1	111	(BLACK()BOX?)(30N)KEY? ?(30N)(PRIVATE OR PUBLIC OR ENCRYPT? OR DECRYPT? OR DRM OR RIGHTS)(30N)(UPDATE? OR UPGRAD?)(5N)KE- Y? ?
S2	27	S1 NOT PY>2000
S3	22	RD (unique items)

? t3/3,k/all

3/3,k/1 (Item 1 from file: 15)
 DIALOG(R)File 15:ABI/Inform(R)

(c) 2005 ProQuest Info&Learning. All rts. reserv.

01899405 05-50397

Selecting a phone system

Henricks, Mark

Office Systems v16n9 PP: 14-18 Sep 1999

ISSN: 8750-3441 JRNL CODE: OFS

WORD COUNT: 2101

...TEXT: phone system vendors had their way, we'd be forever dependent upon them for installing, upgrading, and maintaining PBXs, key systems, and other types of phone systems traditionally purchased by small and midsize offices.

Today...

...many more of us may be using phone systems that, instead of being built around black boxes bolted to the wall in a closet, are installed as peripherals in regular desktop computers.

PC-PBX stands for Personal Computer- Private Branch Exchange and is shorthand for a general-purpose PC that has been set up...
...and hardware to do the job of one of the specialized office telephone systems called Private Branch Exchanges, or PBXs. These so-called PC-PBXs, say fans, are cheaper, more flexible, and...

3/3,K/2 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

07684092 Supplier Number: 63724864 (USE FORMAT 7 FOR FULLTEXT)

U.K., U.S. Wiretap Disputes Go Critical.(Government Activity)

Clark, Paul Coe III

Communications Today, v6, n142, pNA

July 26, 2000

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

word Count: 506

... the bill would not force Internet-service providers to install what are universally being called "black boxes" to collect e-mail. "We need to update our laws," Straw wrote. "But we need also to ensure that we protect citizens' legitimate rights and not overburden business."

Critics of the bill accused Straw of being disingenuous. The bill does not order installation of the black boxes, but lets the government install them at will, they said.

Critics particularly attacked what's being called by our favorite acronym of the week: GAK -- government access to (crypto) keys.

The Lords amendments did not remove the danger to personal privacy, critics said.

"It's...

3/3,K/3 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

05739537 Supplier Number: 50219631 (USE FORMAT 7 FOR FULLTEXT)

VPN Prices Diving

Berinato, Scott

PC Week, v15, n31, p89

August 3, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Magazine/Journal; Tabloid; General Trade

word Count: 314

... dialing into the network, Toshiba's CryptoGate employs IPSec tunneling as well as 128-bit encryption, officials in Irvine, Calif., said.

Because the server runs on either windows NT or Unix...

...1 software, which combines IPsec tunneling with Check Point's firewall software to provide client encryption capabilities, officials in Redwood City, Calif., said. It is available now.

The \$2,995 VPN-1 Remote Link, due later this month, is a black - box hardware device that incorporates the VPN software.

VPN-1 Certificate Manager lets enterprise administrators set up a public - key infrastructure for broad VPN deployment. To address performance issues, Check Point will offer a VPN-1 Accelerator Card which will speed encryption and tunneling, officials said. Both will be available in the fourth quarter. Pricing has not been set.

The software upgrade to 3Com's NetBuilder software, available now, taps what has become a de facto standard for tunneling and encryption, although the official standard has not been set.

An upgrade to 3Com's Total Control remote access platform will ship next quarter. Pricing depends on...

3/3,K/4 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 Dialog. All rts. reserv.

14027373 (USE FORMAT 7 OR 9 FOR FULLTEXT)
OFF SCREEN: If you've got Lynam, flaunt him
JON HENDERSON
OBSERVER, p15
November 26, 2000
JOURNAL CODE: FOBS LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 545

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... would like it to promote their agreement with the Football Association, which gives them live rights to England's home internationals from the start of next season.

ITV are expected to be the main rivals, with Channel 5 the outsiders to win the rights.

NOW THAT THE TV rights to the world rally championship have been prised away from Bernie Ecclestone, followers of the...

...weekend are absorbed in the Network Q British Rally, can look forward to coverage being upgraded.

There was a general feeling that Ecclestone wasn't particularly interested in rallying because of his involvement with Formula One. But David Richards, who has bought the rights, loves the sport and, in partnership with production company Chrysalis, hopes to woo many more viewers.

New technology is the key. 'Black - box technology into the cars from 2002 will enable us to do a live signal, and...

3/3,K/5 (Item 1 from file: 256)
DIALOG(R)File 256:TecInfoSource
(c) 2005 Info.Sources Inc. All rts. reserv.

00143942 DOCUMENT TYPE: Review

PRODUCT NAMES: Navajo QKD (158739)

TITLE: Hackers beware: Quantum encryption's coming
AUTHOR: Johnson, R Colin
SOURCE: Electronic Engineering Times, v1245 p51(2) Nov 18, 2002
ISSN: 0192-1541
HOMEPAGE: <http://www.eet.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20030530

...connecting two cities in Switzerland (a distance of 67 kilometers). At

1kpbs, its 256-bit keys were updated four times each second, which substantially increased the difficulty of code-cracking for eavesdroppers. Id...

...recently demonstrated over a 30 kilometer fiber link. Navajo's secure communication link comprises two black boxes linked by optical fiber. As with id Quantique's QKD, Navajo uses the uncrackable BB84 quantum encryption code proposed by Gilles Brassard and Charles Bennett in a 1984 paper called 'Quantum Cryptography: Public Key Distribution.' Based on Heisenberg's uncertainty principle, it is not possible to distinguish with certainty...

...real-world customer installations soon. Researchers at Northwestern University also demonstrated a 250-Mbps quantum encrypted transmission over a short link. Leading quantum encryption researchers plan to put the first uncrackable secure networks online by early 2003.

3/3,K/6 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00761422

BUSINESS ALLIANCE IDENTIFICATION
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR L'IDENTIFICATION D'ALLIANCES
COMMERCIALES DANS UN CADRE D'ARCHITECTURE RESEAU

Patent Applicant/Assignee:

ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US
(Residence), US (Nationality)

Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,
MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant, Gould, Smith, Edell, Welter & Schmidt,
P.A., P.O. Box 2903, Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073928 A2-A3 20001207 (WO 0073928)

Application: WO 2000US14375 20000524 (PCT/WO US0014375)

Priority Application: US 99320816 19990527

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149371

Fulltext Availability:

Detailed Description

Detailed Description

... developers, there may be the tendency for people to download their own preferred tools, or upgrades to standard tools. This not only affects the management of the development environment, but could...

3/3,K/7 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00745760

Image available

METHOD FOR INTERDEPENDENTLY VALIDATING A DIGITAL CONTENT PACKAGE AND A
CORRESPONDING DIGITAL LICENSE

PROCEDE PERMETTANT DE VALIDER INDEPENDAMMENT UN PAQUET A CONTENU NUMERIQUE
ET UNE LICENCE NUMERIQUE CORRESPONDANTE

Patent Applicant/Assignee:

MICROSOFT CORPORATION, One Microsoft Way, Redmond, WA 98052, US, US
(Residence), US (Nationality)

Inventor(s):

BLINN Arnold N, 9401 NE 27th Street, Bellevue, WA 98004, US,
JONES Thomas C, 23617 NE 6th Street, Redmond, WA 98053-3618, US,

Legal Representative:

ROCCI Steven J (et al) (agent), Woodcock Washburn Kurtz Mackiewicz &
Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200059152 A2-A3 20001005 (WO 0059152)
Application: WO 2000US4983 20000225 (PCT/WO US0004983)
Priority Application: US 99126614 19990327; US 99290363 19990412; US
2000482928 20000113

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 23260

Fulltext Availability:

Detailed Description
Claims

Detailed Description

... without any action necessary on the part of the user. The license
includes.

- a decryption key (KD) that decrypts the encrypted digital content;
- a description of the rights (play, copy, etc...)

...encrypted with the corresponding public key. The DRM system is initially
provided with a black box with a public / private key pair, and the
user is prompted to download from a black box server an updated
secure black box when the user first requests a license. The black
box server provides the updated black box, along with a unique
public/private key pair. Such updated black box is written in unique
executable code that will run only on the user's computing device, and is
re-updated on a regular basis. When a user requests a license, the
client machine sends the black box public key, version number, and
signature to the license server, and such license server issues...

...identifies the decryption key associated with the requested digital
content. The license server uses the black box public key to encrypt
the decryption key. and the decryption key to encrypt the...

...made to render the digital content, the black box is caused to decrypt
the decryption key and license terms, and a DRM system license
evaluator evaluates such license terms. The black...digital certificate
containing PU-LS as the contents signed by the content server 22 private
key (CERT (PU-LS) S (PR-CS)). As should be understood, the contents
(PU-LS) in...

...content ID (or package ID) for such digital content 12 (or package 12p).

ARCHITECTURE - Black Box Server 26

15 Still referring to Fig. 1, in one embodiment of the present
invention, the black box server 26 performs the functions of
installing and/or upgrading a new black box 30 in a user's computing
device 14. As will be explained in more detail below, the black box
30 performs encryption and decryption functions for the user's computing
device 14. As will also be explained in more detail below, the black
box 30 is intended to be secure and protected from attack. Such security

and protection is provided, at least in part, by upgrading the black box 3) 0 to a new version as necessary by way of the black box server 26, as will be explained in more detail below.

As with the authoring tool 18, the content server 22, and the license server 24, the black box server 26 is implemented on an appropriate computer, processor, or other computing machine by way...the newly generated unique black box 30 (step 90¹) of Fla. 9). Preferably, the private key for the black box 3) 0 (PR-BB) is accessible only to such black box...

...In one embodiment of the present invention, as part of the request for the black box 30 (step 901) the DRM system 3) 2 provides hardware information unique to such DRM system 32 and/or unique to the user's computing device 14 to the black box server 26, and the black box server 26 generates a black box 30 for the DRM system 32 based in part on such provided hardware information. Such generated upgraded black box 30 is then delivered to and installed in the DRM system 32 on the user's computing device 14 (steps 907, 909).

If the upgraded black box 30 is then somehow transferred to another computing device 14, the transferred black box '10 recognizes that it is not intended for such other computing device 14, and does...

...allow any requested rendering to proceed on such other computing device 14.

Once the new black box 30 is installed in the DRM system 32, such DRM system 32 can proceed...

...produce the decryption key (KD) (steps 521, 523). However, other methods of obtaining the decryption key (KD) for the digital content 12 may be employed without departing from the spirit and...of the aforementioned signature verification process is that the root entity may periodically change the private root key (PR-R), thereby I 0 likewise periodically requiring each license server 24 to...

...such new certificate, each license server may be required to upgrade itself. As with the black box 30, if a license server 24 is relatively current, i.e., has been upgraded relatively recently, it is less likely that license server 24 has been successfully attacked.

Accordingly, as a matter of trust, each license server 24 is preferably required to be upgraded periodically via an appropriate upgrade trigger mechanism such as the signature verification process. Of course, other upgrade mechanisms may be employed without departing from the spirit and scope of the present invention...

...18 must also be changed. Such change may for example take place during a normal black box 3) 0 upgrade, or in fact may require that a black box 30 upgrade take place. Although a changed public root key (PU-R) may potentially interfere with signature...

...older private root key (PR-R), such interference may be minimized by requiring that an upgraded black box 30 remember all old public root keys (PU-R). Alternatively, such interference may be minimized...

...Digital Rights License 48

In the present invention, the license evaluator 36 evaluates a Digital Rights License (DRL) 48 as the rights description or terms of a license 16 to determine...

Claim

... 525

Rendering Application 34 Assumes Control - 527

Rendering Application 34 Calls Black

Box 30 to Decrypt Digital Content 12

According to Decryption Key (KD) - 529

1

Black Box 30 Authenticates Rendering...

...Request Signature - 705

Error is No gna u
alid? - 707
Y"

License Server 24 Checks Black
Box 30 Version 709
Upgrade ersion
Black Box 4 No ptable? - 7
30
Yes
Negotiate License 16 - 713
End r cepts
Yes
Generate...

...719
F@Lice
License 16 in License Store 38 .721
PCT/US00/04983/12
Request Black Box 30 - 901
Black Box Server 26 Generates
Unique Black Box TO with Unique
PU-BB, PR-(section)7B' -903
1 F
New Black Box 30 Given Access
to Old PU-BEFPR-BB - 905
- - 'r
New Black Box 30 Sent To
Requesting DRIVI ystem 18
907
New Black Box 30 Installed - 909
Fig. 9
/12
PR-BB (PU-BB (KD)) = (KID) - 1001
KID (KID...

3/3,K/8 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00745759 **Image available**
RENDERING DIGITAL CONTENT IN AN ENCRYPTED RIGHTS-PROTECTED FORM
RESTITUTION DE CONTENU ELECTRONIQUE SOUS FORME CRYPTEE DE PROTECTION DES
DROITS

Patent Applicant/Assignee:

MICROSOFT CORPORATION, One Microsoft Way, Redmond, WA 98052, US, US
(Residence), US (Nationality)

Inventor(s):

PEINADO Marcus, 5007-148th Avenue NE, #E207, Bellevue, WA 98007, US,
MANFERDELLI John L, 7921 245th Way NE, Redmond, WA 98053, US,
BELL Jeffrey R C, 107 N. 67th Street, Seattle, WA 98013, US,

Legal Representative:

ROCCI Steven J (et al) (agent), Woodcock Washburn Kurtz Mackiewicz &
Norris LLP, One Liberty Place - 46th floor, Philadelphia, PA 19103, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200059151 A2-A3 20001005 (WO 0059151)
Application: WO 2000US4948 20000225 (PCT/WO US0004948)
Priority Application: US 99126614 19990327; US 99290363 19990412; US
99449106 19991124

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English
Fulltext Word Count: 21225

Fulltext Availability:
Detailed Description
Claims

Detailed Description

... without any action necessary on the part of the user. The license includes.
- a decryption key (KD) that decrypts the encrypted digital content;
- a description of the rights (play, copy, etc...
...with tile corresponding public
rn
key. The DRM system is initially provided with a black box with a public / private key pair, and the user is prompted to download from a black box server an updated secure black box when the user first requests a license. The black box server provides the updated black box, along with a unique public/private key pair. Such updated black box is written in unique executable code that will run oil]], on the user .s computing device. and is re- updated oil a regular basis.
When a user requests a license. the client machine sends the black box public key, version number, and signature to tile license server, and such license server issues...
...identifies the decryption key, associated with the requested digital content. The license server uses the black box public key to encrypt the decryption key, and the decryption key to encrypt the...
...made to render the digital content, the black box is caused to decrypt the decryption key and license terms, and a DRM system license evaluator evaluates such license terms. The black...the license server 24 send to the content server 22 the license server 24 public key (PU-LS). and that the content server 22 then send to the license server 24...
...content ID (or package ID) for such digital content 12 (or package 12p).

ARCHITECTURE - Black Box Server 26

Still referring to Fig. 1, in one embodiment of the present invention, the 15 black box server 26 performs the functions of installing and/or upgrading a new black box 30 in a user's computing device 14. As will be explained in more detail below, the black box 30 performs encryption and decryption functions for the user's computing device 14. As will also be explained in more detail below, the black box 30 is intended to be secure and protected from attack. Such security and protection is provided, at least in part, by upgrading the black box 30 to a new version as necessary by way of the black box server 26, as will be explained in more detail below.

As with the authoring tool 18, the content server 22. and the license server 24. the black box server 26 is implemented oil all appropriate computer, processor. or other computing machine by way...as was discussed above. the black box server 26 includes a new unique public / private key pair (PU PR-1313) with the newly generated unique black box 30 (step 903 of...

...hi orie embodiment of the present invention, as part of the request for the black box 30 (step 901) the DRM system 32 provides hardware information unique to such DRM system 3) 2 and/or unique to the user's computing device 14 to the black box server 26, and the black box server 26 generates a black box 30 for the DRM system 32 based in part on such provided hardware information. Such generated upgraded black box 0 is then delivered to and installed in the DRM system 3)2 on the user's computing device 14 (steps 907, 909).

If the upgraded black box 30 is then somehow transferred to another computing device 14, the transferred black box 30 recognizes that it is not intended for such other computing device 14, and does...

...allow aiiiv requested rendering to proceed on such other computing device

14.

Once the new black box 30 is installed in the DRM system 32, such DRM system 32 can proceed...

- ...the decryption key (KD) (steps 521. 523). However, other methods of obtaining the decryption key (KD) for the digital content 12 may be employed without departing from the spirit...of the aforementioned signature verification process is that the root entity may periodically change the private root key (PR-R), thereby likewise periodically requiring each license server 24 to obtain a...
- ...such new certificate, each license server may be required to upgrade itself as with the black box 30, if a license server 24 is relatively current, i.e.. has been upgraded relatively recently, it is less likely that license server 24 has been successfully attacked.
- Accordingly, as a matter of trust, each license server 24 is preferably required to be upgraded periodically via an appropriate upgrade trigger mechanism such as the signature verification process. Of course, other upgrade mechanisms may be employed without departing from the spirit and scope of the present invention...
- ...18 must also be changed. Such change may for example take place during a normal black box 30 upgrade, or in fact may require that a black box 30 upgrade take place. Although a changed public root key (PU-R) may potentially interfere with signature...
- ...older private root key (PR-R), such interference may be minimized by requiring that an upgraded black box 30 remember all old public root keys (PU-R). Alternatively, such interference may be...
- ...Digital Rights License 48
- In the present invention, the license evaluator 36 evaluates a Digital Rights License (DRL) 48 as the rights description or terms of a license 16 to determine...

Claim

- ... 525
- Rendering Application 34 Assumes Control - 527
- Rendering Application 34 Calls Black Box 30 to Decrypt Digital Content 12
- According to Decryption Key (KD) - 529
- Black Box 30 Authenticates Rendering...
- ...Request Signature - 705
- Error Signature Valid? - 707
- Yes
- License Server 24 Checks Black Box 30 Version 709
- Upgrade Black Box 30 - 711
- Black Box 30
- Yes
- Negotiate License 16 - 713
- End License Server 24 - 715
- ...License 16 to User - 719
- License 16 in License Store 38 - 721
- Request Black Box 30 - 901
- Black Box Server 26 Generates Unique Black Box TO with Unique PU-BB, PR-90B - 903
- Ir
- New Black Box 30 Given Access to Old PU-BB, PR-BB - 905
- New Black Box 30 Sent To Requesting DRM System 18

907
New Black Box 30 Installed - 909
Fig. 9
/12
PR-BB (PU-BB (KD)) = (KID) - 1001
KID (KID...

3/3,K/9 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00745758 **Image available**
ENFORCEMENT ARCHITECTURE AND METHOD FOR DIGITAL RIGHTS MANAGEMENT
PROCEDE DE GESTION DES DROITS D'UTILISATION ELECTRONIQUE ET ARCHITECTURE A
CET EFFET

Patent Applicant/Assignee:

MICROSOFT CORPORATION, One Microsoft Way, Redmond, WA 98052, US, US
(Residence), US (Nationality)

Inventor(s):

PEINADO Marcus, 5007-148th Avenue NE #E207, Bellevue, WA 98007, US,
ABBURI Rajasekhar, 7844 NE 10th Street, Medina, WA 98039, US,
BLINN Arnold N, 9401 N.E. 27th Street, Bellevue, WA 98004, US,
JONES Thomas C, 23617 NE 6th Street, Redmond, WA 98053-3618, US,
MANFERDELLI John L, 7921 245th Way NE, Redmond, WA 98053, US,
BELL Jeffrey R C, 107 N. 67th Street, Seattle, WA 98013, US,
VENKATESAN Ramaranthnam, 17208 NE 22nd Court, Redmond, WA 98052, US,
ENGLAND Paul, 16659 Northup Way, Bellevue, WA 98008, US,
JAKUBOWSKI Mariusz H, 15212 NE 16th Place #28, Bellevue, WA 98007, US,
YU Hai Ying Vincent, 809 144th Avenue NE #C-4, Bellevue, WA 98007, US,

Legal Representative:

ROCCI Steven J (et al) (agent), Woodcock Washburn Kurtz Mackiewicz &
Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200059150 A2 20001005 (WO 0059150)
Application: WO 2000US4947 20000225 (PCT/WO US0004947)
Priority Application: US 99126614 19990327; US 99290363 19990412

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 24964

Fulltext Availability:

Detailed Description
Claims

Detailed Description

... without any action necessary on the part of the user. The license
includes.

- a decryption key (KD) that decrypts the encrypted digital content;
- a description of the rights (play, copy, etc...)

...encrypted with the corresponding public key. The DRM system is initially
provided with a black box with a public / private key pair, and the
user is prompted to download from a black box server an updated
secure black box when the user first requests a license. The black
box server provides the updated black box, along with a unique
public/private key pair. Such updated black box is written in unique
executable code that will run only on the user's computing device, and is
re-updated on a regular basis. When a user requests a license, the
client machine sends the black box public key, version number, and

signature to the license server, and such license server issues...

- ...identifies the decryption key associated with the requested digital content. The license server uses the black box public key to encrypt the decryption key, and the decryption key to encrypt the...
- ...to render the digital content, the black box is caused to decrypt the decryption key and license terms, p and a DRM system license evaluator evaluates such license terms. The... the license server 24 send to the content server 22 the license server 24 public key (PU-LS). and that the content server 22 then send to the license server 24...

...content ID (or package ID) for such digital content 12 (or package 12p).

ARCHITECTURE - Black Box Server 26

5 Still referring to Fig. 1, in one embodiment of the present invention, the black box server 26 performs the functions of installing and/or upgrading a new black box 30 in a user's computing device 14. As will be explained in more detail below, the black box 30 performs encryption and decryption functions for the user's computing device 14. As will also be explained in more detail below, the black box 30 is intended to be secure and protected from attack. Such security and protection is provided, at least in part, by upgrading the black box 30 to a new version as necessary by way of the black box server 26, as will be explained in more detail below. As with the authoring tool 18, the content server 22, and the license server 24, the black box server 26 is implemented on an appropriate computer, processor, or other computing machine by way...the newly generated unique black box 30 (step 901) of Fig. 9). Preferably, the private key for the black box 30 (PR-BB) is accessible only to such black box...

- ...is tightly tied to or associated with the user's computing device 14. Accordingly, the upgraded black box 30 cannot be operably transferred among multiple computing devices 14 for nefarious purposes...

...otherwise. In one embodiment of the present invention, as part of the request for the black box 30 (step 901) the DRM system 32 provides hardware information unique to...

- ...DRM system 32 and/or unique to the user's computing device 14 to the black box server 26, and the black box server 26 generates a black box 30 for the DRM system 32 based in part on such provided hardware information. Such generated upgraded black box 30 is then delivered to and device 14 (steps 907, 909).

If the upgraded black box 30 is then somehow transferred to another computing device 1014, the transferred black box 30 recognizes that it is not intended for such other computing device 14, and does...

- ...allow any requested rendering to proceed on such other computing device 14.

Once the new black box 30 is installed in the DRM system 32, such DRM system 32 can proceed with a license acquisition function or with any other function.

DRM SYSTEM 32 - Content Rendering, Part 3

Refer-ring now to Fig. 513, and assuming, now...of the aforementioned signature verification process is that the root entity may periodically change the private root key (PR-R), thereby 10 likewise periodically requiring each license server 24 to...

- ...such new certificate, each license server may be required to upgrade itself. As with the black box 30, if a license server 24 is relatively current, i.e., has been upgraded relatively recently, it is less likely that license server 24 has been successfully attacked. Accordingly, as a matter of trust, each license server 24 is preferably required to be upgraded periodically via an appropriate upgrade trigger mechanism such as the signature verification process. Of course,

other upgrade mechanisms may be employed without departing from the spirit and scope of the present invention...

...18 must also be changed. Such change may for example take place during a normal black box 0 upgrade, or in fact may require that a black box 30 upgrade take place. Although a changed public root key (PU-R) may potentially interfere with signature...

...private root key (PR-R), such interference may be minimized by requiring that an upgraded black box 30 remember all old public root keys (PU-R). Alternatively, such interference may be minimized...

...Digital Rights License 48

In the present invention, the license evaluator 16 evaluates a Digital Rights License (DRL) 48 as the rights description or terms of a license 16 to determine...

Claim

... The architecture of claim 16, wherein the black box includes a unique public / private key pair for performing the decryption and encryption functions.

18 The architecture of claim 17, wherein...

...license request from the DRM system, the license request including the version number of the black box, the license server determining prior to issuance of the license whether the version number of the black box is acceptable, the license server upon determining that the version number of the black box is not acceptable refusing to issue the license until the black box is updated, the

p 9

architecture further comprising a black box server for providing an updated black box to the DRM system.

23 The architecture of claim 16, wherein the black box includes a certifying authority signature as provided by an approved certifying authority.

24 The...

...server issues

In each digital license in response to a license request from the DRM system, the license request including the certifying authority signature, the license server determining prior...

...system.

46 The method of claim 45, wherein the black box includes a public / private key pair, and wherein the requesting a digital license step comprises including in the request the...license according to the decryption key.

49 The method of claim 45, wherein the black box includes a version number, and wherein the requesting a digital license step comprises including in the request the version number of the black box, and further comprising: determining, by the license server, prior to issuance of the license whether the version number of the black box is acceptable, and upon determining that the version number of the black box is not acceptable, the license server refusing to issue the license until the black box is updated, the architecture further comprising a black box server for providing an updated black box to the DRM system.

50 The method of claim 45, wherein the black box includes a certifying authority signature as provided by an approved certifying authority, and I...

...issuing the digital license

step comprises including with the digital license a description of the rights conferred by the license, and further comprising:

evaluating, by a trusted license evaluator of the...70 The architecture of claim 69, wherein the black box includes a unique public / private key pair for performing the decryption and encryption 1 5 functions.

71 The architecture of claim...

...license according to the decryption key.

74 The architecture of claim 69, wherein the black box includes a version number.

I 0 75. The architecture of claim 74 wherein the license...

...license request from the DRM svstern, the license request including the version number of the black box , the license server determining prior to issuance of the license whether the version number of the black box is acceptable, the license server upon determining that the version number of the black 1 5 box is not acceptable refusing to issue the license until the black box is updated , the architecture further comprising a black box server for providing an updated black box to the DRM system.

76 The architecture of claim 69, wherein the black box includes a certifying authority signature as provided by an approved certifying authority.

Z:5

77...

...the license server issues each digital license in response to a license request from the DRM system. the license request including the certifying authority signature. the license server deten-nining prior...the digital conterit is bound to such digital content by way of a public private key technique.

96 The architecture of claim 83, wherein the license server issues a digital license...

...license according to the decryption key.

100. The architecture of claim 97. wherein the black box includes a version number, and wherein the license server issues each digital license in response...

...license request from the DRM system. the license request including the version number of the black box , the license server determining prior to issuance of the license whether the version number of the black box is acceptable. the license server upon determining that the version number of the black box is not acceptable refusing to issue the license until the black box is updated, the architecture further comprising a black box server for providing an updated black box to the DRM system.

101. The architecture of claim 97, wherein the black box includes a certifying authority signature as provided by an approved certifying authority. and wherein...

...96., wherein each digital license corresponding to the digital content includes a description of the rights conferred by the license, and wherein the DRM system includes a trusted license evaluator for...

3/3,K/10 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00745487 **Image available**

DIGITAL LICENSE AND METHOD FOR OBTAINING/PROVIDING A DIGITAL LICENSE
LICENCE NUMERIQUE ET PROCEDE PERMETTANT D'OBTENIR/FOURNIR UNE LICENCE
NUMERIQUE

Patent Applicant/Assignee:

MICROSOFT CORPORATION, One Microsoft way, Redmond, WA 98052, US, US
(Residence), US (Nationality)

Inventor(s):

PEINADO Marcus, 5007 - 148th Avenue NE #E207, Bellevue, WA 98007, US,
ABBURI Rajasekhar, 7844 NE 10th Street, Medina, WA 98039, US,
ENGLAND Paul, 16659 Northup Way, Bellevue, WA 98008, US,
GANESAN Krishnamurthy, 17345 NE 65th Way, Redmond, WA 98052, US,
BELL Jeffrey R C, 107 North 67th Street, Seattle, WA 98013, US,
BLINN Arnold N, 9401 NE 27th Street, Bellevue, WA 98004, US,
JONES Thomas C, 23617 NE 6th Street, Redmond, WA 98053-3618, US,

Legal Representative:

ROCCI Steven J (et al) (agent), Woodcock Washburn Kurtz Mackiewicz &
Norris LLP, 46th Floor, One Liberty Place, Philadelphia, PA 19103, US,
Patent and Priority Information (Country, Number, Date):

Patent: WO 200058859 A2-A3 20001005 (WO 0058859)
Application: WO 2000US4949 20000225 (PCT/WO US0004949)
Priority Application: US 99126614 19990327; US 99290363 19990412; US
2000482725 20000113

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext word Count: 27773

Fulltext Availability:

Detailed Description
Claims

Detailed Description

... without any action necessary on the part of the user. The license
includes.

- a decryption key (KD) that decrypts the encrypted digital content;
- a description of the rights (play, copy, etc...)

...encrypted with the corresponding public key. The DRM system is initially
provided with a black box with a public / private key pair, and the
user is prompted to download from a black box server an updated
secure black box when the user first requests a license. The black
box server provides the updated black box, along with a unique
public/private key pair. Such updated black box is written in unique
executable code that will run only on the user's computing device, and is
re-updated on a regular basis. When a user requests a license, the
client machine sends the black box public key, version number, and
signature to the license server, and such license server issues...

...identifies the decryption key associated with the requested digital
content. The license server uses the black box public key to encrypt
the decryption key and the decryption key to encrypt the...

...made to render the digital content, the black box is caused to decrypt
the decryption key and license terms.

and a DRM system license evaluator evaluates such license terms. The...
the license server 24 send to the content server 22 the license server 24
public key (PU-LS), and that the content server then send to the
license server 24 a...

...content ID (or package ID) for such digital content 12 (or package 12p).

ARCHITECTURE - Black Box Server 26

15 Still referring to Fig. 1, in one embodiment of the present
invention, the black box server 26 performs the functions of
installing and/or upgrading a new black box 30 in a user's computing
device 14. As will be explained in more detail below, the black box
30 performs encryption and decryption functions for the user's computing

device 14. As will also be explained in more detail below, the black box 30 is intended to be secure and protected from attack. Such security and protection is provided, at least in part, by upgrading the black box 30 to a new version as necessary by way of the black box server 26, as will be explained in more detail below.

As with the authoring tool 18, the content server 22, and the license server 24, the black box server 26 is implemented on an appropriate computer, processor, or other computing machine by way...as was discussed above. the black box server 26 includes a new unique public / private key pair (PU-BB. PR-BB) with the newly generated unique black box 30 (step 903...

...In one embodiment of the present invention, as part of the request for the black box 30 (step 901) the DRM system 32 provides hardware information unique to...

...DRM system 32 and/or unique to the user's computing device 14 to the black box server 26. and the black box server 26 generates a black box 30 for the DRM system 32 based in part on such provided hardware information. Such generated upgraded black box 30 is then delivered to and installed in the DRM system 32 on the user's computing device 14 (steps 907, 909).

If the upgraded black box 30 is then somehow transferred to another computing device 14, the transferred black box 30 recognizes that it is not intended for such other computing device 14; and doesOnce the new black box 30 is installed in the DRM system 32, such DRM system 32 can proceed...

...produce the decryption key (KD) (steps 521, 523). However, other methods of obtaining the decryption key (KD) for the digital content 12 may be employed without departing from the spirit and...of the aforementioned signature verification process is that the root entity may periodically change the private root key (PR-R). thereby likewise periodically requiring each license server 24 to obtain a...

...such new certificate, each license server may be required to upgrade itself. As with the black box 30, if a license server 24 is relatively current, i.e., has been upgraded relatively recently, it is less likely that license server 24 has been successfully attacked.

1...

...Accordingly, as a matter of trust. each license server 24 is preferably required to be upgraded periodically via an appropriate upgrade trigger mechanism such as the signature verification process. Of course, other upgrade mechanisms may be employed without departing from the spirit and scope of the present invention...

...must also be changed. Such change may for example take place during a non-black box 30 upgrade, or in fact may require that a black box 30 upgrade take place. Although a changed public root key (PU-R) may potentially interfere with signature...

...older private root key (PR-R), such interference may be minimized by requiring that an upgraded black box 30 remember all old public root keys (PU-R). Alternatively, such interference may be minimized...

...Digital Rights License 48
In the present invention. the license evaluator 36 evaluates a Digital Rights License (DRL) 48 as the rights description or terms of a license 16 to determine...

Claim

... Rendering Application 34 Assumes Control - 527

i

Rendering Application 34 Calls Black Box 30 to Decrypt Digital Content 12 According to Decryption Key (KD) - 529
Black Box 30 Authenticates Rendering

Application...

...Checks Request Signature - 705
igna u
Error 4o NO 707
y"
License Server 24 Checks Black
Box 30 Version 709
Upgrade Version
Black Box *---No - 71
30
Yu
Negotiate License 16 713
End
Y"
Generate License L16 - 71
Figs...

...User @ 7
License'l 6 in License Store 38 .721
PCT/US00/04949/12
Request Black Box 30 - 901
IF
Black Box Server 26 Generates
Unique Black Box TO with Unique
PU-BB, PR-57(section) - 903
IF
New Black Box 30 Given Access
to Old PU-BEi,PR-BB - 905
IF
New Black Box 30 Sent To
Requesting DRM System 18
907
New Black Box 30 Installed 909
Fige 9
/12
PR-BB (PU-BB (KD)) = (KD) - 1001
KID (KD...

3/3,K/11 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00745441 **Image available**
STRUCTURE OF DIGITAL RIGHTS MANAGEMENT (DRM) SYSTEM
STRUCTURE DE SYSTEME DE GESTION DES DROITS DE CONTENUS NUMERIQUES
Patent Applicant/Assignee:
MICROSOFT CORPORATION, One Microsoft way, Redmond, WA 98052, US, US
(Residence), US (Nationality)
Inventor(s):
PEINADO Marcus, 5007 - 148th Avenue N.E. #E207, Bellevue, WA 98007, US,
ABBURI Rajasekhar, 7844 NE 10th Street, Medina, WA 98039, US,
BELL Jeffrey R C, 107 N. 67th Street, Seattle, WA 98013, US,
Legal Representative:
ROCCI Steven J (et al) (agent), Woodcock Washburn Kurtz Mackiewicz &
Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200058811 A2-A3 20001005 (WO 0058811)
Application: WO 2000US5091 20000225 (PCT/WO US0005091)
Priority Application: US 99126614 19990327; US 99290363 19990412; US
2000482932 20000113
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 22512

Fulltext Availability:
Detailed Description
Claims

Detailed Description

- ... without any action necessary on the part of the user. The license includes.
- a decryption key (KD) that decrypts the encrypted digital content;
 - a description of the rights (play, copy, etc...)
- ...encrypted with the corresponding public key. The DRM system is initially provided with a black box with a public / private key pair, and the user is prompted to download from a black box server an updated secure black box when the user first requests a license. The black box server provides the updated black box, along with a unique public/private key pair. Such updated black box is written in unique executable code that will run only on the user's computing device, and is re-updated on a regular basis. When a user requests a license, the client machine sends the black box public key, version number, and signature to the license server, and such license server issues...
- ...identifies the decryption key associated with the requested digital content. The license server uses the black box public key to encrypt the decryption key, and the decryption key to encrypt the...
- ...made to render the digital content, the black box is caused to decrypt the decryption key and license terms, and a DRM system license evaluator evaluates such license terms. The black...the license server 24 send to the content server 22 the license server 24 public key (PU-LS). and that the content server 22 then send to the license server 24...
- ...or package ID) for such digital content 12 (or package ID-12p).
- ARCHITECTURE - Black Box Server 26
- 15 Still referring to Fig. 1, in one embodiment of the present invention, the black box server 26 performs the functions of installing and/or upgrading a new black box 30 in a user's computing device 14. As will be explained in more detail below, the black box 30 performs encryption and decryption functions for the user's computing device 14. As will also be explained in more detail below, the black box 30 is intended to be secure and protected from attack. Such security and protection is provided, at least in part, by upgrading the black box 30 to a new version as necessary by way of the black box server 26, as will be explained in more detail below.
- As with the authoring tool 18, the content server 22, and the license server 24, the black box server 26 is implemented on an appropriate computer, 25 processor, or other computing machine...as was discussed above, the black box server 26 includes a new unique public / private key pair (PU-BB, PR-BB) with the newly generated unique black box 30 (step 90...
- ...In one embodiment of the present invention, as part of the request for the black box 30 (step 901) the DRM system 32 provides hardware information unique to...
- ...DRM system 2 and/or unique to the user's computing device 14 to the black box server 26, and the black box server 26 generates a black box 30 for the DRM system 32 based in part on such provided hardware information. Such generated upgraded black box 30 is then ...system 32 on the user's computing device 14 (steps 907, 909).
- If the upgraded black box 30 is then somehow transferred to another computing device 14, the transferred black box 30 recognizes that it is not intended for such other computing device 14, and does...

...allow any requested rendering to proceed on such other computing device 14.

Once the new black box '30 is installed in the DRM system 32, such DRM system 32 can proceed with a license acquisition function or with any other function.

DRM SYSTEM 32 - Content Rendering, Part 3

Referring now to Fig. 5B. and assuming, now, that...of the aforementioned signature verification process is that the root entity may periodically change the private root key (PR-R), thereby I 0 likewise periodically requiring each license server 24 to...

...new certificate, each license server may be required to upgrade itself. As with the black box 30, if a license server 24 is relatively current, i.e., has been upgraded relatively recently, it is less likely that license server 24 has been successfully attacked.

1...

...Accordingly, as a matter of trust, each license server 24 is preferably required to be upgraded periodically via an appropriate upgrade trigger mechanism such as the signature verification process. Of course, other upgrade mechanisms may be employed without departing from the spirit and scope of the present...

...must also be changed. Such change may for example take place during a non-nal black box '10 upgrade. or in fact may require that a black box 30 upgrade take place. Although a changed public root key (PU-R) may potentially interfere with signature...

...older private root key (PR-R), such interference may be minimized by requiring that added black box 30 remember all old public root keys (PU-R). Alternatively.

Z') an upgr I
such...

...the first time such license 16 is evaluated by the license evaluator 36 of a DRM system 18. In such case, state information on whether signature verification has taken place should...

...compiled, and such state information should be stored in the state store 40 of the DRM system 18.

Digital Rights License 48

In the present invention, the license evaluator 36 evaluates a Digital Rights...

Claim

... 525

Rendering Application 34 Assumes Control - 527

Rendering Application 34 Calls Black

Box 30 to Decrypt Digital Content 12

According to Decryption Key (KD) -@R9

1

Black Box 30 Authenticates Rendering...

...Request Signature 705

Error md NO gna re

valid? - 707

Y93

License Server 24 Checks Black

Box 30 Version 709

Upgrade on

Black Box ,, No

LO I

Y"

Negotiate License 16 713

End 4 No ccep

yes

Generate License...

...7
License 16 to User - 719
License 16 in License Store 38 -721
/12
Request Black Box 30 - 901
Black Box Server 26 Generates
Unique Black Box TO with Unique
PU-BB, PR-97b - 903
New Black Box 30 Given Access
to Old PU-BE FPR@1313 - 905
New Black Box 30 Sent To
Requesting DRM'@yestern 18
907
New Black Box 30 Installed - 909
Fig. 9
/12
PR-BB (PU-BB (KD)) = (KID) - 1001
KID (KID...

3/3,K/12 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00745440 **Image available**
STRUCTURE OF A DIGITAL CONTENT PACKAGE
STRUCTURE D'UN PAQUET A CONTENU NUMERIQUE
Patent Applicant/Assignee:

MICROSOFT CORPORATION, One Microsoft Way, Redmond, WA 98052, US, US
(Residence), US (Nationality)

Inventor(s):

PEINADO Marcus, 5007-148th Avenue N.E. #E207, Bellevue, WA 98007, US,
ABBURI Rajasekhar, 7844 N.E. 10th Street, Medina, WA 98039, US,
BELL Jeffrey R C, 107 N. 67th Street, Seattle, WA 98013, US,
BLINN Arnold N, 9401 N.E. 27th Street, Bellevue, WA 98004, US,
JONES Thomas C, 23617 N.E. 6th Street, Redmond, WA 98053-3618, US,

Legal Representative:

ROCCI Steven J (et al) (agent), Woodcock Washburn Kurtz Mackiewicz &
Norris LLP, One Liberty Place, 46th Floor, Philadelphia, PA 19103, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200058810 A2 20001005 (WO 0058810)
Application: WO 2000US4972 20000225 (PCT/WO US0004972)
Priority Application: US 99126614 19990327; US 99290363 19990412; US
2000482843 20000113

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 21147

Fulltext Availability:

Detailed Description
Claims

Detailed Description

... without aiv action necessary on the part of the user. The license
includes.
- a decryption key (KD) that decrypts the encrypted digital content;
- a description of the rights (play, copy, etc...

...encrypted with the corresponding public key. The DRM system is

initially provided with a black box with a public / private key pair, and the user is prompted to download from a black box server an updated secure black box when the user first requests a license. The black box server provides the updated black box, along with a unique public/private key pair. Such updated black box is written in unique executable code that will run only on the user's computing device, and is re-updated on a regular basis. When a user requests a license, the client machine sends the black box public key, version, serial number, and signature to the license server. and such license server ...

- ...identifies the decryption key associated with the requested digital content. The license server uses the black box public key to encrypt the decryption key. and the decryption key to encrypt the...
- ...inade to render the digital content, the black box is caused to decrypt the decryption key and license terms, and a DRM system license evaluator evaluates such license terms. The black...the license server 24 send to the content server 22 the license server 24 public key (PU-LS'). and that the content server 22 then send to the license server 24...
- ...content ID (or package ID) for such digital content 12 (or package 12p).

ARCHITECTURE - Black Box Server 26

15 Still referring to Fig. 1. in one embodiment of the present invention, the black box server 26 performs the functions of installing and/or upgrading a new black

t

Z

t=

box 30 in a user's computing device 14. As will be explained in more detail below, the black box 30 performs encryption and decryption functions for the user's computing device 14. As will also be explained in more detail below, the black box 30 is intended to be secure and protected from attack. Such security and protection is provided, at least in part, by upgrading the black box 30 to a new version as necessary by way of the black box server 26, as will be explained in

more detail below.

As with the authoring tool 18, the content server 22, and the license server 24, the black box server 26 is implemented on any appropriate computer, processor, or other computing machine by way of a newly generated unique black box 30 (step 901) of Fig. 9). Preferably, the private key for the black box 30 (PR-BB) is accessible only to such black box...

- ...In one embodiment of the present invention, as part of the request for the black box 30 (step 901) the DRM system 32 provides hardware information unique to...
- ...DRM system 32 and/or unique to the user's computing device 14 to the black box server 26, and the black box server 26 generates a black box 30 for the DRM system 32 based in part on such provided hardware information. Such generated upgraded black box 30 is then delivered to and installed in the DRM system 32 on the user's computing device 14 (steps 907, 909).
- If the upgraded black box 30 is then somehow transferred to another computing device 14, the transferred black box 30 recognizes that it is not intended for such other computing device 14, and does...
- ...allow any requested rendering to proceed on such other computing device 14.
- Once the new black box 30 is installed in the DRM system 32, such DRM system 32 can...
- ...produce the decryption key (KD) (steps 515-523). However, other methods of obtaining the decryption key (KD) for the digital content 12 may be employed without departing from the spirit and...of the aforementioned signature verification process is that the root entity may periodically change the private root key

(PR-R), thereby likewise periodically requiring each license server 24 to obtain a...

...such new certificate, each license server may be required to upgrade itself. As with the black box 30, if a license server 24 is relatively current, i.e., has been upgraded relatively recently, it is less likely that license server 24 has been successfully attacked.

Accordingly, as a matter of trust, each license server 24 is preferably required to be upgraded periodically via an appropriate upgrade trigger mechanism such as the signature verification process. Of course, other upgrade mechanisms may be employed without departing from the spirit and scope of the...

...18 must also be changed. Such change may for example take place during a normal black box 30 upgrade or in fact may require that a black box 30 upgrade take place. Although a changed public root key (PU-R) may potentially interfere with signature...

...root key (PR-R), such interference may be minimized by requiring that 25 an upgraded black box 30 remember all old public root keys. Alternatively, such interference may be minimized by requiring...

...Digital Rights License 48
In the present invention, the license evaluator 36 evaluates a Digital Rights License (DRL) 48 as the rights description or terms of a license 16 to determine...

Claim

... 525
Rendering Application 34 Assumes Control - 527
Rendering Application 34 Calls Black
Box 30 to Decrypt Digital Content 12
According to Decryption Key (KD) -T29
Black Box 30 Authenticates Rendering
Application...

...Checks Request Signature - 705
Error No g a
Valid? ! 707
Yes
License Server 24 Checks Black
Box 30 Version 709
Upgrade e io
Black Box 4 No Acceptable? - 7
30
Yes
Negotiate License 16 - 713
End 14 No 715
Yes...

...License 16 to User - 719
7Lic
License 16 in License Store 38 -721
/12
Request Black Box 30 - 901
IF
Black Box Server 26 Generates
Unique Black Box TO with Unique
PU-BB, PR4(section) -903
I
New Black Box 30 Given Access
to Old PU-BE@,PR-1313 - 905
New Black Box 30 Sent To
Requesting DRM(section) System 18
907
If
New Black Box 30 Installed - 909
Fig. 9
/12
PR-BB (PU-BB (KD)) = (KID) - 1001
KID (KID)...

3/3,K/13 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00744696 **Image available**

METHOD FOR OBTAINING A BLACK BOX FOR PERFORMING DECRYPTION AND ENCRYPTION
FUNCTIONS IN A DIGITAL RIGHTS MANAGEMENT (DRM) SYSTEM
PROCEDE D'OBTENTION D'UNE BOITE NOIRE PERMETTANT D'EXECUTER DES FONCTIONS
DE DECRYPTAGE ET DE CRYPTAGE DANS UN SYSTEME NUMERIQUE DE GESTION DES
DROITS (DRM)

Patent Applicant/Assignee:

MICROSOFT CORPORATION, One Microsoft Way, Redmond, WA 98052, US, US
(Residence), US (Nationality)

Inventor(s):

PEINADO Marcus, 5007 - 148th Avenue N.E. #E207, Bellevue, WA 98007, US,
ENGLAND Paul, 16659 Northup Way, Bellevue, WA 98008, US,
VENKATESAN Ramaranthnam, 17208 N.E. 22nd Court, Redmond, WA 98052, US,

Legal Representative:

ROCCI Steven J (et al) (agent), Woodcock Washburn Kurtz Mackiewicz &
Norris LLP, One Liberty Place - 46th floor, Philadelphia, PA 19103, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200057684 A2-A3 20001005 (WO 0057684)

Application: WO 2000US4946 20000225 (PCT/WO US0004946)

Priority Application: US 99126614 19990327; US 99290363 19990412; US
2000482840 20000113

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext word count: 23464

Fulltext Availability:

Detailed Description
Claims

Detailed Description

... without any action necessary on the part of the user. The license
includes.

- a decryption key (KD) that decrypts the encrypted digital content;
- a description of the rights (play, copy, etc...)

...encrypted with the corresponding public key. The DRM system is initially
provided with a black box with a public / private key pair, and the
user is prompted to download from a black box server an updated
secure black box when the user first requests a license. The black
box server provides the updated black box, along with a unique
public/private key pair. Such updated black box is written in unique
executable code that will run only on the user's computing device, and is
re-updated on a regular basis. When a user requests a license, the
client machine sends the black box public key, version number, and
signature to the license server, and such license server issues...

...identifies the decryption key associated with the requested digital
content. The license server uses the black box public key to encrypt
the decryption key, and the decryption key to encrypt the...

...made to render the digital content, the black box is caused to decrypt
the decryption key and license terms, I O and a DRM system license
evaluator evaluates such license terms...the license server 24 send to

the content server 22 the license server 24 public key (PU-LS), and that the content server 22 then send to the license server 24...

...content ID (or package ID) for such digital content 12 (or package 12p).

ARCHITECTURE - Black Box Server 26

15 Still referring to Fig. 1, in one embodiment of the present invention, the black box server 26 performs the functions of installing and/or upgrading a new black box 30 in a user's computing device 14. As will be explained in more detail below, the black box 30 performs encryption and decryption functions for the user's computing device 14. As will also be explained in more detail below, the black box 30 is intended to be secure and protected from attack. Such security and protection is provided, at least in part, by upgrading the black box 30 to a new version as necessary by way of the black box server 26, as will be explained in more detail below.

As with the authoring tool 18, the content server 22, and the license server 24, the black box server 26 is implemented on an appropriate computer, processor, or other computing machine by way...the newly generated unique black box 30 (step 901) of Fig. 9). Preferably, the private key for the black box 30 (PR-BB) is accessible only to such black box 30...

...In one embodiment of the present invention, as part of the request for the black box 30 (step 901) the DRM system 32 provides hardware information unique to such DRM system 32 and/or unique to the user's computing device 14 to the black box server 26. and the black box server 26 generates a black box 30 for the DRM system 32 based in part on such provided hardware information. Such generated upgraded black box 30 is then delivered to and installed in the DRM system 32 on the user's computing device 14 (steps 907, 909).

If the upgraded black box 30 is then somehow transferred to another computing device 14, the transferred black box 30 recognizes that it is not intended for such other computing device 14, and does...

...allow any requested rendering to proceed on such other computing device 14.

Once the new black box 30 is installed in the DRM system 32, such DRM system 32 can proceed with a license acquisition function or with any other function.

DRM SYSTEM 32 - Content Rendering, Part 3

Referring now to Fig. 513, and assuming, now, that...of the aforementioned signature verification process is that the root entity may periodically change the private root key (PR-R), thereby likewise periodically requiring each license server 24 to...

...such new certificate, each license server may be required to upgrade itself. As with the black box

27

30, if a license server 24 is relatively current, i.e., has been upgraded...

...Accordingly, as a matter of trust, each license server 24 is preferably required to be upgraded periodically via an appropriate upgrade trigger mechanism such as the signature verification process. Of course, other upgrade mechanisms may be employed without departing from the spirit and scope of the present invention...

...18 must also be changed. Such change may for example take place during a normal black box 30 upgrade, or in fact may require that

2

a black box 30 upgrade take place. Although a changed public root key (PU-R) may potentially interfere with signature...

...older private root key (PR-R), such interference may be minimized by requiring that an upgraded black box 30 remember all old public root keys (PU-R). Alternatively, such interference may be minimized...

...information should be stored in the state store 40 of the DRM system 18.

Digital Rights License 48

In the present invention, the license evaluator 36 evaluates a Digital Rights License (DRL) 48 as the rights description or terms of a license 16 to determine...

Claim

... 525

Rendering Application 34 Assumes Control - 527

Rendering Application 34 Calls Black

Box 30 to Decrypt Digit@al Content 12

AccorTing to Decryption Key (KD)

R29

Black Box 30 Authenticates Rendering...Checks Request Signature - 705

ErTor mo No g

Valid? 707

Yes

License Server 24 Checks Black

Box 30 Version 709

Upgrade ersi()

Black Box o No A ceptable? - 7

30

Yes

Negotiate License 16 - 713

End Nd No 715...

...7

License 16 to User - 719

License 16 in License Store 38 -721

/12

Request Black Box 30 - 901

Black Box Server 26 Generates

Unique Black Box TO with Unique

PU-BB, PR-dB' - 903

IF

New Black Box 30 Given Access

to Old PU-BEF,PR.BB - 905

- - 'r

New Black Box 30 Sent To

Requesting DRM (section)ytem 18

907

New Black Box 30 Installed - 909

Figs 9

PR-BB (PU-BB (KD)) = (KD) - 1001

KID (KD (PU...

3/3,K/14 (Item 1 from file: 608)

DIALOG(R)File 608:KR/T Bus.News.

(c)2005 Knight Ridder/Tribune Bus News. All rts. reserv.

06650756 (USE FORMAT 7 OR 9 FOR FULLTEXT)

The Seattle Times Business Newsletter Column

Stephen H. Dunphy

Seattle Times

April 07, 1999

DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH

WORD COUNT: 675

...TEXT: and Washington Mutual 42.

THE WAY INTERNET stocks are going, the list probably should be updated hourly.

RealNetworks, for example, has taken off in the past few weeks with another huge gain yesterday. It could easily make the list, with a market capitalization of more than \$6 billion.

That's higher than Nordstrom or Safeco, by the way. Go figure. RealNetworks closed yesterday...

...a great time of year because all those delicious proxy statements come out.

Being a public company means management has to reveal all kinds of things

about their salaries, holdings, options...

3/3,K/15 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

04738904 Supplier Number: 63724864 (USE FORMAT 7 FOR FULLTEXT)
U.K., U.S. Wiretap Disputes Go Critical.
Communications Today, v6, n142, pNA
July 26, 2000
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 506

... the bill would not force Internet-service providers to install what are universally being called "black boxes" to collect e-mail. "we need to update our laws," Straw wrote. "But we need also to ensure that we protect citizens' legitimate rights and not overburden ...the bill accused Straw of being disingenuous. The bill does not order installation of the black boxes, but lets the government install them at will, they said.

Critics particularly attacked what's being called by our favorite acronym of the week: GAK -- government access to (crypto) keys.

The Lords amendments did not remove the danger to personal privacy, critics said.

"It's...

3/3,K/16 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

03529597 Supplier Number: 47292356 (USE FORMAT 7 FOR FULLTEXT)
RADGUARD LTD: RADGUARD products eliminate the need for a dedicated NAT
M2 Presswire, pN/A
April 14, 1997
Language: English Record Type: Fulltext
Document Type: Newsware; Trade
Word Count: 433

... box" design of its security gateways, the NAT capability provides an easy migration from a private IP network to the global Internet. Placing a single security device ensures both safe use of the Internet and a high performance translation of the internal private IP addresses to authorized global addresses.

About RADGUARD Ltd. RADGUARD is a leading provider of...

...presents a new concept of internetworking security by combining various security features as: Access Control, Encryption, Automatic Key Management, Security Audit, Remote Management, Secured Management path, and more into one integrated Hardware based system, creating ones own personal Virtual Private Network (VPN).

RADGUARD's Pyrowall The Pyrowall, a hardware based firewall, operates as a "black box" and requires no extra user knowledge of complex operating systems. Hardware/software installation time is...

...of security policies is not only secure, but also simple.

The Pyrowall can be easily upgraded to other RADGUARD solutions including the Cryptowall RADGUARD's revolutionary VPN security system.
Pyrowall Highlights...

...recording of events

- Dynamic packet filtering
- Remote authentication
- NAT (network address translation)

The Pyrowall is upgradable to the CryptoSystem -RADGUARD's revolutionary VPN security system

CONTACT: Fiona Ungar, RADGUARD Ltd Tel...

3/3,K/17 (Item 1 from file: 674)

DIALOG(R)File 674:Computer News Fulltext
(c) 2005 IDG Communications. All rts. reserv.

005691

Carrier Watch

Journal: Network World Page Number: 21
Publication Date: 5/, 190
Word Count: 534 Line Count: 38

Text:

... and US Sprint Communications Co. to provide savings on domestic and international long-distance and private -line services.

In addition to call aggregation, M&SD Network Services contracts with telecommunications and...

...Corp.

ABN provides members a choice of equipment from IBM, Apple Computer, Inc., Codex Corp., Black Box Corp., Control Data Corp. and General DataComm Industries, Inc.

ABN was established in 1983 to...

... Group/MPSG, a Rockville, Md.-based consulting and tariff analysis firm, last week introduced an updated, expanded version of its Master Glossary of Terminology for Business Communications Systems.

The book, first published in 1972, contains nearly 2,000 entries pertaining to private branch exchange, key and hybrid telephone systems, as well as definitions of various calling services.

The guide's...

3/3,K/18 (Item 1 from file: 710)

DIALOG(R)File 710:Times/Sun.Times(London)
(c) 2005 Times Newspapers. All rts. reserv.

14171133

INDUSTRY BODIES OPPOSE RIP BILL

Times of London (TL) - Monday, June 19, 2000

By: Sean Hargrave

Section: Features

Word Count: 449

... confusion and uncertainty at numerous levels of business activity, and an onerous imposition on the rights of individuals."

A report from the CBI criticised the Government for not paying for the...

... said there were three myths that need debunking about RIP. There was no provision for black boxes to intercept e-mails, innocent users would not be victimised for forgetting a password and businesses would not be forced to hand over keys when making plain text copies of documents was an option.

"We need to update our laws," he wrote. "But we need also to ensure that we protect citizens' legitimate rights and not overburden business.

"It's all about a balance. I believe that the Bill...

3/3,K/19 (Item 1 from file: 712)

DIALOG(R)File 712:Palm Beach Post
(c) 2005 Palm Beach Newspapers Inc. All rts. reserv.

10255064

BIG BROTHER MAY BE LURKING INSIDE YOUR CAR

Palm Beach Post (PB) - Sunday, September 12, 1999

By: Brian D. Crecente Palm Beach Post Staff Writer

Edition: FINAL Section: LOCAL Page: 1B

Word Count: 2,087

... information they record and their willingness to share that data with the government and the public, Hinch said. GM built a system that allows investigators to retrieve information and, by this Christmas, the public will be able to buy a similar device that works with a laptop computer on

...

... vehicles will have the device installed and, by 2002, all new GM vehicles will have "black boxes" in them, Hinch said.

GM's computer-like device continuously records information about speed, engine speed, brake use and how wide the throttle is open from sensors in key places in the cars. The computer updates the information once a second and even keeps it for 5 seconds before having to...
...the information so it can reuse the storage space. The air bag needs the information updated that often to allow it to deploy in less than one-twentieth of a second...

3/3,K/20 (Item 1 from file: 715)
DIALOG(R)File 715:Christian Sci.Mon.
(c) 2005 Christian Science Monitor. All rts. reserv.

09382931
THE TRAGEDY OF THE COMMONS REVISITED
Christian Science Monitor (CH) - Thursday, August 24, 2000
By: Stephen Humphries, Staff writer of The Christian Science Monitor
Edition: ALL Section: FEATURES, A THOUSAND YEARS / THE ENVIRONMENT Page: 15
Word Count: 735

TEXT:

... conserve their resource by farming the mammal responsibly. These economists note that the same property-rights solution must be applied to larger problems such as chronic overfishing in the oceans. This is not a totally new concept - there were territorial fishing rights in England in 1200, says Michael De Alessi at the Center for Private Conservation in Washington. "The American West was once looked at just like the oceans - this...

... of barbed wire solved the problem of homesteading the ranges, so technology may hold the key again. For example, New Zealand has been leading the way toward sustainable fisheries by using an updated form of property rights. It enforces fishing rights by installing "black boxes" aboard fishing vessels. These devices transmit details of a boat's whereabouts to satellites and...

... dwindling fisheries, according to Smith, is government mismanagement of resources. Legislation has often undermined property rights once protected by common law in order to allow land or water to be exploited...

3/3,K/21 (Item 1 from file: 781)
DIALOG(R)File 781:ProQuest Newsstand
(c) 2005 ProQuest Info&Learning. All rts. reserv.

07539056 DTEL2000082400F5ADE1 (USE FORMAT 7 OR 9 FOR FULLTEXT)
the-telegraph.com: opinion why we want the snooping law to RIP
Wendy Grossman
Daily Telegraph London, P 02
Thursday, August 24, 2000
DOCUMENT TYPE: Newspaper, Large LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
Word Count: 492

(USE FORMAT 7 OR 9 FOR FULLTEXT)

One of the Government's mantras about the act is that it merely updates existing police powers, such as the right to tap your telephone without telling you.

It...

...logical extension of this power
to give law enforcers the right to demand your cryptographic key, and
to require all internet service providers to equip their systems with
black boxes that can intercept user traffic.

Ginger R. DeMille

Compare and contrast this situation with America, where the Electronic...

...hailed as a good thing was the provision granting greater privacy to employees using companies' private telecom systems.

Last week, a new fuss blew up over this issue when companies demanded...

3/3,K/22 (Item 1 from file: 996)
DIALOG(R)File 996:NewsRoom 2000
(c) 2005 Dialog. All rts. reserv.

0088508904 153K08Q7
Industry bodies oppose RIP Bill
TIMES (LONDON, UK)
Monday, June 19, 2000
JOURNAL CODE: ADUA LANGUAGE: ENGLISH RECORD TYPE: Fulltext
DOCUMENT TYPE: Newspaper ISSN: 0140-0460
WORD COUNT: 464

...confusion and uncertainty at numerous levels of business activity, and an onerous imposition on the rights of individuals."

A report from the CBI criticised the Government for not paying for the...

...said there were three myths that need debunking about RIP. There was no provision for black boxes to intercept e-mails, innocent users would not be victimised for forgetting a password and businesses would not be forced to hand over keys when making plain text copies of documents was an option.

"We need to update our laws," he wrote. "But we need also to ensure that we protect citizens' legitimate rights and not overburden business."
"It's all about a balance. I believe that the Bill...
?"